

# Srls Recovery and Resilience Commercial Plan

PCRR JWTeam Srls - Registered Office: Via Terrazzano 85 – 20017 Rho (MI) - Fiscal Code and PI 12092970966, Cap. Soc. €200, certified email: pcrrjw@pec.it

Confidential document, Location Milan, date 09-02-2023

Place of jurisdiction: Milan (Italy)

**J W T**

[joules water team](mailto:joules.water.team)  
<https://www.jwt-jwt.it/>

## ITEG - Integrated Turbine Energy Generator- <https://www.iteg-jwt.it/>

**Purpose** - The project aims to activate a production site, from design to assembly (pro delivery and rapid assembly), with the development of production-oriented procedures agreed with the client (based on the available products to interface with) and the destinations of its devices. The solutions depend on standard products from the market and in particular on advanced 3D printing, even with semi-finished products for subsequent industrialisations. Then integrated and tested with a view to optimizing the customization of machines (relative hulls and structures) towards specific purposes, functional to the commissioned objectives. In close collaboration with internal and external laboratories, it will act with strong remote support and automations, resorting to high Performance Economy levers. Equipped with a large factory (1500 m<sup>2</sup>), about 15 Human Resources, start the development of rotors as per specific needs deduced from targeted research in the area. In summary:

**Budget 2.0 M€**, [http://www.expotv1.com/LIC/BUNIT/Bm4\\_ITEG\\_StartKit\\_102018000011105.doc](http://www.expotv1.com/LIC/BUNIT/Bm4_ITEG_StartKit_102018000011105.doc) - **Commercial offer to the market**, for supply as an **Innovative Startup** (which generates significant freezes to the contractor, from **Industry 4.0 and related PNRR / ECOLOGICAL TRANSITION**); highly effective action supported by the institutions, to speed up the penetration of technologies, with sustained legitimacy, including openings to involvement in the social capital; openness to corporate involvement in a specific territory, to which the offer would be better suited;

**54 M€ NPV (8%, 20y)**, [http://www.expotv1.com/LIC/BUNIT/Bm5\\_ITEG\\_BP\\_pri.pdf](http://www.expotv1.com/LIC/BUNIT/Bm5_ITEG_BP_pri.pdf) - **Business Plan** (20 years and IRR 8%, with excursions for **IRR from 0% to 15%**), from which pertinent DCF/VAN, CapEx, OpEx, Built; the high financial simulations open up to various JV/VC/PE corporate structures (with availability of 5y details for ease of agreed EXITs); it is noted that with greater Equity the IRRs are contained, resulting in better DCF/NPV at everyone's ease;

[iteg-jwt.it](http://www.iteg-jwt.it/), <http://www.iteg-jwt.it/> - current **HomePage and Domain** for presenting personal and fiscal data, with structure of the corporate project and classification in the more general **JWTeam** project (matrix at the footer, with references to the specific **Company Assets, Titles, Thesis and more**); the domain (IT and EU) remains responsible for communicating the purposes of the technology, legal references and application areas; prepared for sustained IT&C and IIoT tools, with high levels of automation and remote controls;

**Pitch-Bm1**, [http://www.expotv1.com/LIC/BUNIT/Bm1\\_ITEG\\_why\\_Industry.ppt](http://www.expotv1.com/LIC/BUNIT/Bm1_ITEG_why_Industry.ppt) - **Brief presentation** (4 slides), with purpose, references, target, advantages; open to evolutionary dynamics offered by IT&C and its high levels of automation, with appropriate use of AI dynamics;

**Market** - Pipe-line / industrial chemical companies, Operators in the nautical and aeronautical sector, Hydromechanical companies, Financial investors, Operators in the AGRO and BioGas, BioMethane, Oil & Gas sector; the target pursued includes supervision services and predictive maintenance for some of the production processes, subject to deliveries and consistent testing;

**Strategy** – Fundraising actions envisaged, opening up to JV/VC/PE (also with industrial competitor operators), to serve the local area towards environmental sustainability objectives and support for inclusive services; making significant use of local resources, both of raw materials and workers (as per the purposes of the technologies in one's availability, impregnated with **value analysis**);

**Econometrics** - DCF/NPV €54m, CapEx €2m, OpEx €4.4m, Built €9.3m; Plans 5y (for estimates on the Exit of JV/VC/PE) and 20y (for long-term visibility of the entire and more realistic industrial plan and consistency of the timing of the ECOLOGICAL TRANSITION) have been developed; the use of Performance Economy (leasing and operating rentals) will allow sudden access to the production regimes pursued and consequent economic results;

**Operational** - 35% of the CapEx values achieved remain destined for Human Resources (10% in Management and 25% in roles Operational), with attention to investments with a view to Performance Economy (using internal and external resources, albeit carefully preserving the former); for the means of production, it uses its own factories, workshops, laboratories and instruments located near the registered office, for a total of 40% of tangible assets (also with leasing and operating rentals); the remaining 25% will be employed in Intangible assets functional to complete the production cycles (know-how, third party licenses, SW and various applications);

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<https://www.jwt-jwt.it/>

## MBGC - Mini Bio Gas Continuous - <https://www.mbgc-jwt.it/>

**Purpose** - The project aims to activate a production site, from design to assembly (pro delivery and rapid assembly), with the development of production-oriented procedures agreed with the client (based on the products available for supply) and of the destinations of the outputs produced. The solutions rely on standard products from the water management and prefabricated market, integrated and tested with a view to optimizing linear anaerobic digestion, with selective and corrective extraction. In collaboration with internal and external laboratories, it will act as remote support to the installations in charge (EPC). Equipped with a large factory (1500 m2), about 10 Human Resources, start the development of digesters (FBI - Intelligent Septic Tank)

as per specific needs deduced from targeted research on the territory. In summary:

**Budget 1.0 M€**, [http://www.expotv1.com/LIC/BUNIT/Bb4\\_MBGC\\_StartKit\\_0001427413.doc](http://www.expotv1.com/LIC/BUNIT/Bb4_MBGC_StartKit_0001427413.doc) - **Commercial offer to the market**, for supply as an **Innovative Startup** (which generates significant freezes to the contractor, from **Industry 4.0 and related PNRR / ECOLOGICAL TRANSITION**); highly effective action supported by the institutions, to speed up the penetration of technologies, with sustained legitimacy, including openings to involvement in the social capital; also particular openness to corporate involvement in a specific area, to which the offer would be better adapted;

**38 M€ NPV (8%, 20y)**, [http://www.expotv1.com/LIC/BUNIT/Bb5\\_MBGC\\_BP\\_prj.pdf](http://www.expotv1.com/LIC/BUNIT/Bb5_MBGC_BP_prj.pdf) - **Business Plan** (20 years and IRR 8%, with excursions for **IRR from 0% to 15%**), from which pertinent DCF/VAN, CapEx, OpEx, Built; the high financial simulations open up to various JV/VC/PE corporate structures (with availability of 5y details for ease of agreed EXITs); it is noted that with greater Equity the IRRs are contained, resulting in better DCF/NPV at everyone's ease;

[mbgc-jwt.it](http://www.mbgc-jwt.it/), <http://www.mbgc-jwt.it/> - current **HomePage and Domain** for presenting personal and fiscal data, with structure of the corporate project and classification in the more general **JWTeam** project (matrix at the footer, with references to the specific **Company Assets, Titles, Thesis and more**); the domain (IT and EU) remains responsible for communicating the purposes of the technology, legal references and application areas; prepared for sustained IT&C and IIoT tools, with high levels of automation and remote controls;

**Pitch-Bb1**, [http://www.expotv1.com/LIC/BUNIT/Bb1\\_MBGC\\_why\\_BIOGAS.ppt](http://www.expotv1.com/LIC/BUNIT/Bb1_MBGC_why_BIOGAS.ppt) - **Brief presentation** (4 slides), with purpose, references, target, advantages; open to evolutionary dynamics offered by IT&C and its high levels of automation, with appropriate use of AI dynamics;

**Market** - Prefabricated Buildings (CLS), Residential and Industrial Construction, Hydromechanics, Financial Investors, BioGas/BioMethane Sector Operators; the target pursued includes supervision services and predictive maintenance for some of the production processes, subject to deliveries and consistent testing;

**Strategy** – Fundraising actions envisaged, opening up to JV/VC/PE (also with competitor industrial operators), to serve the territory towards environmental sustainability objectives and support for inclusion services; making significant use of local resources, both of raw materials and workers (as per the purposes of the technologies in one's availability, impregnated with **value analysis**);

**Econometrics** - DCF/NPV 38 M€, CapEx 1 M€, OpEx 3.1 M€, Built 6.4 M€; Plans 5y (for estimates on the Exit of JV/VC/PE) and 20y (for long-term visibility of the entire and more realistic industrial plan and consistency of the timing of the ECOLOGICAL TRANSITION) have been developed; the use of Performance Economy (leasing and operating rentals) will allow sudden access to the production regimes pursued and consequent economic results;

**Operational** - 60% of the CapEx values achieved remain destined for Human Resources (10% in Management and 50% in roles Operational), with attention to investments with a view to Performance Economy (using internal and external resources, albeit carefully preserving the former); for the means of production, the company uses its own factories, workshops, laboratories and instruments located near the registered office, for a total of 25% of tangible assets (also with leasing and operating rentals); the remaining 15% will be employed in Intangible assets functional to complete the production cycles (know-how, third party licenses, SW and various applications);

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<https://www.jwt-jwt.it/>

## PBRC - Photo Bio Reactor Continuous - <https://www.pbrc-jwt.it/>

**Purpose** - The project aims to activate a production site, from design to assembly (pro delivery and rapid assembly), with the development of production-oriented procedures agreed with the client (based on the products available for supply) and of the destinations of the outputs produced. The solutions rely on standard products from the water management and prefabricated market, LED products integrated with RES, integrated and tested with a view to optimizing the cultivation of algal strains functional to the commissioned objectives. In close collaboration with internal and external laboratories, it will act as remote support to the installations in charge (EPC). Equipped with a large factory (1500 m2), about 15 Human Resources, start the development of separators as per specific needs deduced from targeted research in the area. In summary:

**Budget 2.0 M€**, [http://www.expotv1.com/LIC/BUNIT/Bc4\\_PBRC\\_StartKit\\_0001427412.doc](http://www.expotv1.com/LIC/BUNIT/Bc4_PBRC_StartKit_0001427412.doc) - **Commercial offer to the market**, for supply as an **Innovative Startup** (which generates significant freezes to the contractor, from **Industry 4.0 and related PNRR / ECOLOGICAL TRANSITION**); highly effective action supported by the institutions, to speed up the penetration of technologies, with sustained legitimacy, including openings to involvement in the social capital; also particular openness to corporate involvement in a specific area, to which the offer would be better adapted;

**44 M€ NPV (8%, 20y)**, [http://www.expotv1.com/LIC/BUNIT/Bc5\\_PBRC\\_BP\\_pri.pdf](http://www.expotv1.com/LIC/BUNIT/Bc5_PBRC_BP_pri.pdf) - **Business Plan** (20 years and IRR 8%, with excursions for **IRR from 0% to 15%**), from which pertinent DCF/VAN, CapEx, OpEx, Built; the high financial simulations open up to various JV/VC/PE corporate structures (with availability of 5y details for ease of agreed EXITs); it is noted that with greater Equity the IRRs are contained, resulting in better DCF/NPV at everyone's ease;

[pbrc-jwt.it](http://www.pbrc-jwt.it/), <http://www.pbrc-jwt.it/> - current **HomePage and Domain** for presenting personal and fiscal data, with structure of the corporate project and classification in the more general **JWTeam** project (matrix at the footer, with references to the specific **Company Assets, Titles, Thesis and more**); the domain (IT and EU) remains responsible for communicating the purposes of the technology, legal references and application areas; prepared for sustained IT&C and IIoT tools, with high levels of automation and remote controls;

**Pitch-Bc1**, [http://www.expotv1.com/LIC/BUNIT/Bc1\\_PBRC\\_why\\_ALGAE.ppt](http://www.expotv1.com/LIC/BUNIT/Bc1_PBRC_why_ALGAE.ppt) - **Brief presentation** (4 slides), with purpose, references, target, advantages; open to evolutionary dynamics offered by IT&C and its high levels of automation, with appropriate use of AI dynamics;

**Market** - Prefabricated Buildings Companies (CLS), Power LED Sector Operators, Hydromechanical Companies, Financial Investors, Operators in the AGRO and BioGas/BioMethane sector; the target pursued includes supervision services and predictive maintenance for some of the production processes, subject to deliveries and consistent testing;

**Strategy** – Fundraising actions envisaged, opening up to JV/VC/PE (also with industrial competitor operators), to serve the local area towards environmental sustainability objectives and support for inclusive services; making significant use of local resources, both of raw materials and workers (as per the purposes of the technologies in one's availability, impregnated with **value analysis**);

**Econometrics** - DCF/NPV €44m, CapEx €2m, OpEx €3.6m, Built €7.4m; Plans 5y (for estimates on the Exit of JV/VC/PE) and 20y (for long-term visibility of the entire and more realistic industrial plan and consistency of the timing of the ECOLOGICAL TRANSITION) have been developed; the use of Performance Economy (leasing and operating rentals) will allow sudden access to the production regimes pursued and consequent economic results;

**Operational** - 35% of the CapEx values achieved remain destined for Human Resources (10% in Management and 25% in roles Operational), with attention to investments with a view to Performance Economy (using internal and external resources, albeit carefully preserving the former); for the means of production, it uses its own factories, workshops, laboratories and instruments located near the registered office, for a total of 45% of tangible assets (also with leasing and operating rentals); the remaining 20% will be employed in Intangible assets functional to complete the production cycles (know-how, third party licenses, SW and various applications);

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<https://www.jwt-jwt.it/>

## SIDR - System Irrigation Draining Heating/Cooling - <https://www.sidr-jwt.it/>

**Purpose** - Use of sports facilities for 365 days/year. Thermally conditioned surface (hot/cold) in an absolutely homogeneous way. Optimal drainage for grass pitches in any weather situation, with elimination of root asphyxiation phenomena caused by water stagnation. High energy efficiency at very competitive costs. Drastic reduction (80%) of water consumption, fertilizers and pesticides, thus preserving water tables. Bivalent, for cold and hot climates (especially those with water problems). In collaboration with internal and external laboratories, it will act as remote support (using sustained automation with PLC) to the installations in charge (EPC). NB - RIGHTS in IT, CN, IN, EAPO (RU, KK, AZ, BY, TJ, KG, TM, AM). Equipped with a large factory (1500 m<sup>2</sup>), about 15 Human Resources, start the development of separators as per specific needs deduced from targeted research in the area. In summary:

**Budget 1.0 M€**, [http://www.expotv1.com/LIC/BUNIT/BI4\\_SIDR\\_StartKit\\_0000283621.doc](http://www.expotv1.com/LIC/BUNIT/BI4_SIDR_StartKit_0000283621.doc) - **Commercial offer to the market**, for supply as an **Innovative Startup** (which generates significant freezes to the contractor, from **Industry 4.0 and related PNRR / ECOLOGICAL TRANSITION**); highly effective action supported by the institutions, to speed up the penetration of technologies, with sustained legitimacy, including openings to involvement in the social capital; also particular openness to corporate involvement in a specific area, to which the offer would be better adapted;

**19 M€ NPV (8%, 20y)**, [http://www.expotv1.com/LIC/BUNIT/BI5\\_SIDR\\_BP\\_pri.pdf](http://www.expotv1.com/LIC/BUNIT/BI5_SIDR_BP_pri.pdf) - **Business Plan** (20 years and IRR 8%, with excursions for **IRR from 0% to 15%**), from which pertinent DCF/VAN, CapEx, OpEx, Built; the high financial simulations open up to various JV/VC/PE corporate structures (with availability of 5y details for ease of agreed EXITs); it is noted that with greater Equity the IRRs are contained, resulting in better DCF/NPV at everyone's ease;

[sidr-jwt.it](http://www.sidr-jwt.it/), <http://www.sidr-jwt.it/> - current **HomePage and Domain** for presenting personal and fiscal data, with structure of the corporate project and classification in the more general **JWTeam** project (matrix at the footer, with references to the specific **Company Assets, Titles, Thesis and more**); the domain (IT and EU) remains responsible for communicating the purposes of the technology, legal references and application areas; prepared for sustained IT&C and IIoT tools, with high levels of automation and remote controls;

**Pitch-BI1**, [http://www.expotv1.com/LIC/BUNIT/BI1\\_SIDR\\_why\\_FOOTBALL.ppt](http://www.expotv1.com/LIC/BUNIT/BI1_SIDR_why_FOOTBALL.ppt) - **Brief presentation** (4 slides), with purpose, references, target, advantages; open to evolutionary dynamics offered by IT&C and its high levels of automation, with appropriate use of AI dynamics;

**Market** - Playgrounds in natural grass, hockey and skating rinks, Plateau of buildings in general and logistics, Roads with special sections, Airport runways, intensive proximity agronomy; the target pursued includes supervision services and predictive maintenance for some of the production processes, subject to deliveries and consistent testing;

**Strategy** – Fundraising actions envisaged, opening up to JV/VC/PE (also with competitor industrial operators), to serve the territory towards environmental sustainability objectives and support for inclusion services; making significant use of local resources, both of raw materials and workers (as per the purposes of the technologies in one's availability, impregnated with **value analysis**);

**Econometrics** - DCF/NPV 19 M€, CapEx 1 M€, OpEx 1.6 M€, Built 3.2 M€; Plans 5y (for estimates on the Exit of JV/VC/PE) and 20y (for long-term visibility of the entire and more realistic industrial plan and consistency of the timing of the ECOLOGICAL TRANSITION) have been developed; the use of Performance Economy (leasing and operating rentals) will allow sudden access to the production regimes pursued and consequent economic results;

**Operational** – 55% of the CapEx values achieved remain destined for Human Resources (15% in Management and 40% in roles Operational), with attention to investments with a view to Performance Economy (using internal and external resources, albeit carefully preserving the former); for the means of production, the company uses its own factories, workshops, laboratories and instruments located near the registered office, for a total of 25% of tangible assets (also with leasing and operating rentals); the remaining 20% will be employed in Intangible assets functional to complete the production cycles (know-how, third party licenses, SW and various applications);

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<https://www.jwt-jwt.it/>

## SDGC – Solar Desalination Geoassisted Continuous - <https://www.sdgc-jwt.it/>

**Purpose** - The project aims to activate a production site, from design to assembly (pro delivery and rapid assembly), with the development of production-oriented procedures agreed with the client (based on the available inputs) and the destinations of the outputs products. The solutions rely on standard products from the water management and prefabricated (including container) market, integrated and tested with a view to optimizing distillation using solar energy and sustaining thermal gradients. In collaboration with internal and external laboratories, it will act as remote support to the installations in charge (EPC). Equipped with a large factory (1500 m<sup>2</sup>), about 10 Human Resources, start the development of separators as per specific needs deduced from targeted research in the area. In summary:

**Budget 1.0 M€**, [http://www.expotv1.com/LIC/BUNIT/Bd4\\_SDGC\\_StartKit\\_0001429306.doc](http://www.expotv1.com/LIC/BUNIT/Bd4_SDGC_StartKit_0001429306.doc) - **Commercial offer to the market**, for supply as an **Innovative Startup** (which generates significant freezes to the contractor, from **Industry 4.0 and related PNRR / ECOLOGICAL TRANSITION**); highly effective action supported by the institutions, to speed up the penetration of technologies, with sustained legitimacy, including openings to involvement in the social capital; also particular openness to corporate involvement in a specific area, to which the offer would be better adapted;

**30 M€ NPV (8%, 20y)**, [http://www.expotv1.com/LIC/BUNIT/Bd5\\_SDGC\\_BP\\_prj.pdf](http://www.expotv1.com/LIC/BUNIT/Bd5_SDGC_BP_prj.pdf) - **Business Plan** (20 years and IRR 8%, with excursions for **IRR from 0% to 15%**), from which pertinent DCF/VAN, CapEx, OpEx, Built; the high financial simulations open up to various JV/VC/PE corporate structures (with availability of 5y details for ease of agreed EXITs); it is noted that with greater Equity the IRRs are contained, resulting in better DCF/NPV at everyone's ease;

[sdgc-jwt.it](http://www.sdgc-jwt.it/), <http://www.sdgc-jwt.it/> - current **HomePage and Domain** for presenting personal and fiscal data, with structure of the corporate project and classification in the more general **JWTeam** project (matrix at the footer, with references to the specific **Company Assets, Titles, Thesis and more**); the domain (IT and EU) remains responsible for communicating the purposes of the technology, legal references and application areas; prepared for sustained IT&C and IIoT tools, with high levels of automation and remote controls;

**Pitch-Bd1**, [http://www.expotv1.com/LIC/BUNIT/Bd1\\_SDGC\\_why\\_WATER.ppt](http://www.expotv1.com/LIC/BUNIT/Bd1_SDGC_why_WATER.ppt) - **Brief presentation** (4 slides), with purpose, references, target, advantages; open to evolutionary dynamics offered by IT&C and its high levels of automation, with appropriate use of AI dynamics;

**Market** - Prefabricated and Container Companies, Hydromechanics, Financial Investors, Fresh Water Sector Operators, Purification Operators; the target pursued includes supervision services and predictive maintenance for some of the production processes, subject to deliveries and consistent testing;

**Strategy** – Fundraising actions envisaged, opening up to JV/VC/PE (also with competitor industrial operators), to serve the territory towards environmental sustainability objectives and support for inclusion services; making significant use of local resources, both of raw materials and workers (as per the purposes of the technologies in one's availability, impregnated with **value analysis**);

**Econometrics** - DCF/NPV 30 M€, CapEx 1 M€, OpEx 2.5 M€, Built 5.1 M€; Plans 5y (for estimates on the Exit of JV/VC/PE) and 20y (for long-term visibility of the entire and more realistic industrial plan and consistency of the timing of the ECOLOGICAL TRANSITION) have been developed; the use of Performance Economy (leasing and operating rentals) will allow sudden access to the production regimes pursued and consequent economic results;

**Operational** – 55% of the CapEx values achieved remain destined for Human Resources (15% in Management and 40% in roles Operational), with attention to investments with a view to Performance Economy (using internal and external resources, albeit carefully preserving the former); for the means of production, the company uses its own factories, workshops, laboratories and instruments located near the registered office, for a total of 25% of tangible assets (also with leasing and operating rentals); the remaining 20% will be employed in Intangible assets functional to complete the production cycles (know-how, third party licenses, SW and various applications);

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<https://www.jwt-jwt.it/>

## GSMF - Gravimetric Separator Mixtures Fluid - <https://www.gsmf-jwt.it/>

**Purpose** - The project aims to activate a production site, from design to assembly (pro delivery and rapid assembly), with the development of production-oriented procedures agreed with the client (based on the available inputs) and the destinations of the outputs products. The solutions rely on standard products from the water management and prefabricated market (including containers in compatible and water-repellent materials for the components in action, selecting standard industry honeycomb in congruous shapes and materials, organic or metallic), assembled and tested with a view to optimizing separation by solar energy and maintenance by thermal gradients. In collaboration with internal and external laboratories, it will act as a remote support (using sustained automation with PLC) to the installations in charge (EPC). Equipped with a large factory (1500 m2), about 15 Human Resources, start the development of separators as per specific needs deduced from targeted research in the area. In summary:

**Budget 1.0 M€**, [http://www.expotv1.com/LIC/BUNIT/Bh4\\_GSMF\\_StartKit\\_0001427137.doc](http://www.expotv1.com/LIC/BUNIT/Bh4_GSMF_StartKit_0001427137.doc) - **Commercial offer to the market**, for supply as an **Innovative Startup** (which generates significant freezes to the contractor, from **Industry 4.0 and related PNRR / ECOLOGICAL TRANSITION**); highly effective action supported by the institutions, to speed up the penetration of technologies, with sustained legitimacy, including openings to involvement in the social capital; also particular openness to corporate involvement in a specific area, to which the offer would be better adapted;

**38 M€ NPV (8%, 20y)**, [http://www.expotv1.com/LIC/BUNIT/Bh5\\_GSMF\\_BP\\_pri.pdf](http://www.expotv1.com/LIC/BUNIT/Bh5_GSMF_BP_pri.pdf) - **Business Plan** (20 years and IRR 8%, with excursions for **IRR from 0% to 15%**), from which pertinent DCF/VAN, CapEx, OpEx, Built; the high financial simulations open up to various JV/VC/PE corporate structures (with availability of 5y details for ease of agreed EXITs); it is noted that with greater Equity the IRRs are contained, resulting in better DCF/NPV at everyone's ease;

[gsmf-jwt.it](http://www.gsmf-jwt.it/), <http://www.gsmf-jwt.it/> - current **HomePage and Domain** for presenting personal and fiscal data, with structure of the corporate project and classification in the more general **JWTeam** project (matrix at the footer, with references to the specific **Company Assets, Titles, Thesis and more**); the domain (IT and EU) remains responsible for communicating the purposes of the technology, legal references and application areas; prepared for sustained IT&C and IIoT tools, with high levels of automation and remote controls;

**Pitch-Bh1**, [http://www.expotv1.com/LIC/BUNIT/Bh1\\_GSMF\\_why\\_SEPARATOR.ppt](http://www.expotv1.com/LIC/BUNIT/Bh1_GSMF_why_SEPARATOR.ppt) - **Brief presentation** (4 slides), with purpose, references, target, advantages; open to evolutionary dynamics offered by IT&C and its high levels of automation, with appropriate use of AI dynamics;

**Market** - Prefabricated and Container Companies, Hydromechanics, Financial Investors, Operators in the Fresh Water Sector, Purification operators, the target pursued includes supervision services and predictive maintenance for some of the production processes, subject to deliveries and consistent testing;

**Strategy** – Fundraising actions envisaged, opening up to JV/VC/PE (also with competitor industrial operators), to serve the territory towards environmental sustainability objectives and support for inclusion services; making significant use of local resources, both of raw materials and workers (as per the purposes of the technologies in one's availability, impregnated with **value analysis**);

**Econometrics** - DCF/NPV 38 M€, CapEx 1 M€, OpEx 3.0 M€, Built 6.4 M€; Plans 5y (for estimates on the Exit of JV/VC/PE) and 20y (for long-term visibility of the entire and more realistic industrial plan and consistency of the timing of the ECOLOGICAL TRANSITION) have been developed; the use of Performance Economy (leasing and operating rentals) will allow sudden access to the production regimes pursued and consequent economic results;

**Operational** – 60% of the CapEx values achieved remain destined for Human Resources (15% in Management and 45% in roles Operational), with attention to investments with a view to Performance Economy (using internal and external resources, albeit carefully preserving the former); for the means of production, the company uses its own factories, workshops, laboratories and instruments located near the registered office, for a total of 25% of tangible assets (also with leasing and operating rentals); the remaining 15% will be employed in Intangible assets functional to complete the production cycles (know-how, third party licenses, SW and various applications);

**...welfare to the planet and to the communities !!!**

# Srls Recovery and Resilience Commercial Plan

PCRR JWTeam Srls - Registered Office: Via Terrazzano 85 – 20017 Rho (MI) - Fiscal Code and PI 12092970966, Cap. Soc. €200, certified email: pcrrjwt@pec.it

Confidential document, Location Milan, date 09-02-2023

Place of jurisdiction: Milan (Italy)

**JWT**

[joules water team](mailto:joules.water.team)  
<https://www.jwt-jwt.it/>

## PCRR - Commercial Recovery and Resilience Plan - <https://www.pcr-jwt.it/>

**Purpose** - The project aims, through professional teams (millennials with high IT/ICT skills), to produce digital commercial services on Italian intellectual property rights; its basket of IPs is highly innovative and aimed at renewable energies and resources in general (efficiency, water, energy, environment, social/inclusiveness); the employees, from the reference operational base, operate asynchronously and distributed throughout the territory, coordinating to guarantee a 24-hour service functional to each time zone; with sustained own linguistic abilities, supported by specific centers from a legal and technical point of view; the proceeds are from pre-established margins on IP, on start-up and supervision, with high monitoring, strong in secure contracts (PEC and SIGNATURES), making use of the cloud, big-data, blockchain. Equipped with a large factory (1000 m2), about 10 Human Resources, start the development of teams as per specific needs deduced from targeted research in the area. In summary:

**Budget 1.0 M€**, [http://www.expotv1.com/LIC/BUNIT/Ba4\\_GUPC%C2%AE\\_StartKit\\_0001652183.doc](http://www.expotv1.com/LIC/BUNIT/Ba4_GUPC%C2%AE_StartKit_0001652183.doc) - **Commercial offer to the market**, for supply as an **Innovative Startup** (which generates significant freezes to the contractor, from **Industry 4.0 and related PNRR / ECOLOGICAL TRANSITION**); highly effective action supported by the institutions, to speed up the penetration of technologies, with sustained legitimacy, including openings to involvement in the social capital; also particular openness to corporate involvement in a specific area, to which the offer would be better adapted;

**83 M€ NPV (8%, 20y)**, [http://www.expotv1.com/LIC/PRJ/170114\\_ESCP\\_032\\_GDMP.pdf](http://www.expotv1.com/LIC/PRJ/170114_ESCP_032_GDMP.pdf) - **Business Plan** (20 years and IRR 8%, with excursions for **IRR from 0% to 15%**), from which pertinent DCF/VAN, CapEx, OpEx, Built; the high financial simulations, open up to various JV/VC/PE corporate structures (with 5y details available for ease of agreed EXITs); it is noted that with greater Equity the IRRs are contained, resulting in better DCF/NPV at everyone's ease;

[pcrr-jwt.it](http://www.pcr-jwt.it/), <http://www.pcr-jwt.it/> - current **HomePage and Domain** for presenting personal and fiscal data, with structure of the corporate project and classification in the more general **JWTeam** project (matrix at the footer, with references to the specific **Company Assets, Titles, Thesis and more**); the domain (IT and EU) remains responsible for communicating the purposes of the technology, legal references and application areas; prepared for sustained IT&C and IIoT tools, with high levels of automation and remote controls;

**Pitch-Ba1**, [http://www.expotv1.com/LIC/BUNIT/Ba1\\_GUPC%C2%AE\\_why\\_RETROFIT.ppt](http://www.expotv1.com/LIC/BUNIT/Ba1_GUPC%C2%AE_why_RETROFIT.ppt) - **Brief presentation** (4 slides), with purpose, references, target, advantages; open to evolutionary dynamics offered by IT&C and its high levels of automation, with appropriate use of AI dynamics;

**Market** - Service companies and Training / Communication Agencies, Strategic Consulting, Investor Relator, Investors/Lenders, Accommodation, Travel and Tour Opr, IT/ICT operators; the target pursued includes supervision services and predictive maintenance for some of the production processes, subject to deliveries and consistent testing;

**Strategy** – Fundraising actions envisaged, opening up to JV/VC/PE (also with competitor operators), to serve the area towards environmental sustainability objectives and support for inclusive services; making significant use of local resources, both of raw materials and workers (as per the purposes of the technologies in one's availability, impregnated with **value analysis**);

**Econometrics** - DCF/NPV €83m, CapEx €1m, OpEx €13m, Built €21m; Plan 5y have been developed (for estimates on Exit of JV/VC/PE) and 20y (for long-term visibility of the entire and more realistic industrial plan and consistency of the timing of the ECOLOGICAL TRANSITION); the use of Performance Economy (leasing and operating rentals) will allow sudden access to the production regimes pursued and consequent economic results;

**Operational** – 60% of the CapEx values achieved remain destined for Human Resources (15% in Management and 45% in roles Operational), with attention to investments with a view to Performance Economy (using internal and external resources, albeit carefully preserving the former); for the means of production, the company uses its own factories, workshops, laboratories and instruments located near the registered office, for a total of 25% of tangible assets (also with leasing and operating rentals); the remaining 15% will be employed in Intangible assets functional to complete the production cycles (know-how, third party licenses, SW and various applications);

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# Srls Recovery and Resilience Commercial Plan

PCRR JWTeam Srls - Registered Office: Via Terrazzano 85 – 20017 Rho (MI) - Fiscal Code and PI 12092970966, Cap. Soc. €200, certified email: pcrrjwt@pec.it

Confidential document, Location Milan, date 09-02-2023

Place of jurisdiction: Milan (Italy)



[joules water team](https://www.jwt-jwt.it/)  
<https://www.jwt-jwt.it/>

## GFSS - General Field Spiral Separation - <https://www.gfss-jwt.it/>

**Purpose** - To produce initial series of products for environmental remediation (purification of water bodies, CO2 capture for industrial and residential areas) and sanitary aids (respiratory devices, cardio-circulators, dialysis). Industrial plan for the development and production of systems for the separation of gaseous or liquid mixtures (also solutions), with systemic action on components with different gravitational, electrical and magnetic density indices; innovative strategies in remediation processes, where separating with high resolutions remains strategic for the circular economy and also for genomic research. Equipped with a large factory (1500 m2), about 15 Human Resources, start the development of separators as per specific needs deduced from targeted research in the area. In summary:

**Budget 2.0 M€**, [http://www.expotv1.com/LIC/BUNIT/Bn4\\_GFSS\\_StartKit\\_10202000029249.doc](http://www.expotv1.com/LIC/BUNIT/Bn4_GFSS_StartKit_10202000029249.doc) - **Commercial offer to the market**, for supply as an **Innovative Startup** (which generates significant freezes to the contractor, from **Industry 4.0 and related PNRR / ECOLOGICAL TRANSITION**); highly effective action supported by the institutions, to speed up the penetration of technologies, with sustained legitimacy, including openings to involvement in the social capital; also particular openness to corporate involvement in a specific area, to which the offer would be better adapted;

**58 M€ NPV (8%, 20y)**, [http://www.expotv1.com/LIC/BUNIT/Bn5\\_GFSS\\_BP\\_prj.pdf](http://www.expotv1.com/LIC/BUNIT/Bn5_GFSS_BP_prj.pdf) - **Business Plan** (20 years and IRR 8%, with excursions for **IRR from 0% to 15%**), from which pertinent DCF/VAN, CapEx, OpEx, Built; the high financial simulations open up to various JV/VC/PE corporate structures (with availability of 5y details for ease of agreed EXITs); it is noted that with greater Equity the IRRs are contained, resulting in better DCF/NPV at everyone's ease;

[gfss-jwt.it](http://www.gfss-jwt.it/), <http://www.gfss-jwt.it/> - current **HomePage and Domain** for presenting personal and fiscal data, with structure of the corporate project and classification in the more general **JWTeam** project (matrix at the footer, with references to the specific **Company Assets, Titles, Thesis and more**); the domain (IT and EU) remains responsible for communicating the purposes of the technology, legal references and application areas; prepared for sustained IT&C and IIoT tools, with high levels of automation and remote controls;

**Pitch-Bn1**, [http://www.expotv1.com/LIC/BUNIT/Bn1\\_GFSS\\_why\\_SpiralSEPARATOR.ppt](http://www.expotv1.com/LIC/BUNIT/Bn1_GFSS_why_SpiralSEPARATOR.ppt) - **Brief presentation** (4 slides), with purpose, references, target, advantages; open to evolutionary dynamics offered by IT&C and its high levels of automation, with appropriate use of AI dynamics;

**Market** - Chemical and pharmaceutical industry, construction and urban planning companies, purification sectors, scientific fields and for genomic sequencing; the target pursued includes supervision services and predictive maintenance for some of the production processes, subject to deliveries and consistent testing;

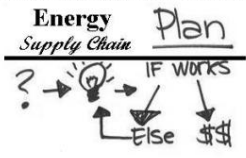
**Strategy** – Fundraising actions envisaged, opening up to JV/VC/PE (also with competitor industrial operators), to serve the territory towards environmental sustainability objectives and support for inclusion services; making significant use of local resources, both of raw materials and workers (as per the purposes of the technologies in one's availability, impregnated with **value analysis**);

**Econometrics** - DCF/NPV €58m, CapEx €2m, OpEx €5m, Built €10m; Plan 5y have been developed (for estimates on Exit of JV/VC/PE) and 20y (for long-term visibility of the entire and more realistic industrial plan and consistency of the timing of the ECOLOGICAL TRANSITION); the use of Performance Economy (leasing and operating rentals) will allow sudden access to the production regimes pursued and consequent economic results;

**Operational** - 50% of the CapEx values achieved remain destined for Human Resources (20% in Management and 30% in roles Operational), with attention to investments with a view to Performance Economy (using internal and external resources, albeit carefully preserving the former); for the means of production, the company uses its own factories, workshops, laboratories and instruments located near the registered office, for a total of 30% of tangible assets (also with leasing and operating rentals); the remaining 20% will be employed in Intangible assets functional to complete the production cycles (know-how, third party licenses, SW and various applications);

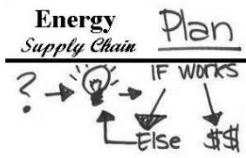
**...welfare to the planet and to the communities !!!**





# Energy Supply-Chain Plan Srl

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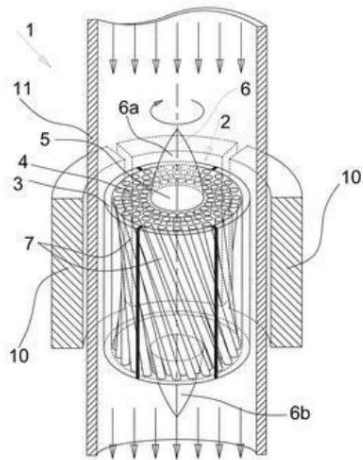


## Energy Supply-Chain Plan Srl

[info@escp.it](mailto:info@escp.it), [www.escp.it](http://www.escp.it)



	ITEG
NPV(8%,20y) €k	54,805
CapEx €k	2,012
OpEx k€/y	4,440
Built k€/yr	9,267
	110



**Project:** ITEG - IntegratedTurbineEnergyGenerator

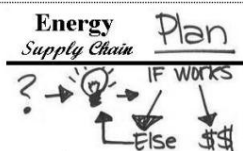
**Objective:** Start a pre-assembly and testing site (procedures and manuals), for the production of axial pumps

**Target:** Pipe-line / industrial chemistry companies, Operators in the nautical and aeronautical sector, Hydromechanical companies, Financial investors, Operators in the AGRO and BioGas/BioMethane sector, Oil&Gas

The project aims to activate a production site, from design to assembly (pro-delivery and rapid assembly), with fine-tuning of production-oriented procedures agreed with the client (on the basis of available products to interface with) and the destinations of its equipment. The solutions weigh on standard products from the market and in particular on advanced 3D printing, even with semi-finished products for industrialization following. Then assembled and tested with a view to optimizing the customization of machines (relative hulls and structures) towards specific purposes, functional to the commissioned objectives. In close collaboration with internal and external laboratories, it will act with strong remote support and automations, resorting to high Performance Economy levers.

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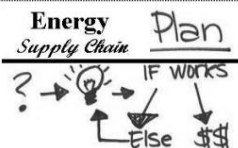
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Lavanga Dott. Vito		ITEG	IntegratedTurbineEnergyGenerator
		Pumps	anno 2021
			5 Unit
			75 Unit/a
<b>CONTO PATRIMONIALE</b>			
Investimento		2.012.000	Euro
1	MGMT Internal €	220.000	Euro
2	Vendor Hard €	840.000	Euro
3	Vendor Soft €	420.000	Euro
4	HR €	532.000	Euro
5	others €	0	Euro
<b>CONTO ECONOMICO</b>			
		75 unit/a	€/u
Ricavi		9.267.300	Euro/a 123.564
1	Material Resource €/a	22.050	Euro/a
2	Human Resource €/a	110.250	Euro/a
3	Hard tools €/a	6.300.000	Euro/a
4	Assemblaggio €/a	2.362.500	Euro/a
5	Collaudo €/a	472.500	Euro/a
6	Input 6 €/a	0	Euro/a
7	Input 7 €/a	0	Euro/a
Costi		4.440.000	Euro/a 59.200
1	Material Resource €/a	15.000	Euro/a
2	Human Resource €/a	75.000	Euro/a
3	Hard tools €/a	3.000.000	Euro/a
4	Assemblaggio €/a	1.125.000	Euro/a
5	Collaudo €/a	225.000	Euro/a
6	others €/a	0	Euro/a
Utile lordo		4.827.300	Euro/a
<b>Piano economico-finanziario</b>			
1	Progetto	2.012.000	Euro
2	Equity quota	20	%
3	Equity	402.400	Euro
4	Finanziamento	1.609.600	Euro
5	Ricavi di progetto	9.267.300	Euro/a
6	Costi	-4.440.000	Euro/a
7	Rata finanziamento	-129.158	Euro/a
8	Avanzo di cassa	4.698.142	Euro/a
9	PBP (Pay Back Period), anni	0,43	0,09 PBP on Equity
10	VAN (8%, 20y)	54.805.355	Euro
<p><b>Progetto: ITEG - IntegratedTurbineEnergyGenerator</b></p> <p><b>Obiettivo:</b> Avviare sito di pre assemblaggio e collaudo (procedure e manuali), per produzione di pompe assiali</p> <p><b>Target:</b> Aziende pipe-line / chimica industriale, Operatori del settore nautico ed aeronautico, Aziende IdroMeccanica, Investitori finanziari, Operatori del settore AGRO e BioGas/BioMetano, Oil&amp;Gas</p> <p>Il progetto si prefigge di attivare un sito produttivo, dalla progettazione all'assemblaggio (pro consegna e rapido montaggio), con messa a punto delle procedure orientate alle produzioni concordate con la committenza (sulla base dei prodotti disponibili a cui interfacciarsi) e delle destinazioni dei suoi apparati. Le soluzioni gravano su prodotti standard dal mercato ed in particolare della stampa 3D avanzata, anche con semilavoratiper perindustrializzazioni successive. Quindi assemati e collaudati in ottica di ottimizzare la personalizzazione di macchine (relative carene e strutture) verso specifici scopi, funzionali agli obiettivi commissionati. In stretta collaborazione con laboratori interni ed esterni, agirà con forte supporto remoto ed automazioni, ricorrendo ad elevate leve di Performance Economy.</p>			



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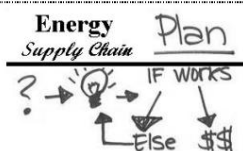
CAPEX €	2.012.000	Built €/a	9.267.300	€/unit	402.400	Esercizio	Prezzo €/u	123.564
OpEX €/a	4.440.000	RO	239,93%	€/unit	278.000		Costo €/u	59.200
ITEG								
		Vendor List				Partner	RICAVI	Provv.
	costo €	k	prezzo €	costo €	k	prezzo €	NETTI €	%
								PREZZO
								CLIENTE €
CapEX - unit	5							0%
Management Internal-Direct €	60.000	1,00	60.000	60.000	2,00	120.000	60.000	0
Management Others €	40.000	1,00	40.000	40.000	2,00	80.000	40.000	0
Advisor Fin. €	10.000	1,00	10.000	10.000	2,00	20.000	10.000	0
Other 4 €	0	1,00	0	0	2,00	0	0	0
Other 5 €	0	1,00	0	0	2,00	0	0	0
								220.000
Vendor Hard €	600.000	1,00	600.000	600.000	1,40	840.000	240.000	0
Vendor Soft €	300.000	1,00	300.000	300.000	1,40	420.000	120.000	0
HR €	380.000	1,00	380.000	380.000	1,40	532.000	152.000	0
Vendor 4 €	0	1,00	0	0	1,40	0	0	0
Vendor 5 €	0	1,00	0	0	1,40	0	0	0
Vendor 6 €	0	1,00	0	0	1,40	0	0	0
								1.792.000
	1.390.000		1.390.000	1.390.000		2.012.000	622.000	0
								2.012.000
OpEX unit	75							0%
Material Resource €/a	15.000	1,00	15.000	15.000	1,00	15.000	0	0
Human Resource €/a	75.000	1,00	75.000	75.000	1,00	75.000	0	0
Vasche €/a	3.000.000	1,00	3.000.000	3.000.000	1,00	3.000.000	0	0
Assemblaggio €/a	1.125.000	1,00	1.125.000	1.125.000	1,00	1.125.000	0	0
Collaudo €/a	225.000	1,00	225.000	225.000	1,00	225.000	0	0
Output 6 €/a	0	1,00	0	0	1,00	0	0	0
	4.440.000		4.440.000	4.440.000		4.440.000	0	0
								4.440.000
Built unit	75							5%
Material Resource €/a	15.000	1,00	15.000	15.000	1,40	21.000	6.000	1.050
Human Resource €/a	75.000	1,00	75.000	75.000	1,40	105.000	30.000	5.250
								132.300
Vasche €/a	3.000.000	1,00	3.000.000	3.000.000	2,00	6.000.000	3.000.000	300.000
Assemblaggio €/a	1.125.000	1,00	1.125.000	1.125.000	2,00	2.250.000	1.125.000	112.500
Collaudo €/a	225.000	1,00	225.000	225.000	2,00	450.000	225.000	22.500
Input 6 €/a	0	1,00	0	0	1,00	0	0	0
Input 7 €/a	0	1,00	0	0	1,00	0	0	0
								9.135.000
	4.440.000		4.440.000	4.440.000		8.826.000	4.386.000	441.300
								9.267.300



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# Energy Supply-Chain Plan Srl

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**ESAE** TV S  
Energy Savings for  
Agriculture and Environment

**Spin-off**  
Università degli Studi di Milano

	MBGC
<b>VAN(8%,20y) k€</b>	<b>37.946</b>
<b>CapEx k€</b>	<b>1.004</b>
<b>OpEx k€/a</b>	<b>3.090</b>
<b>Built k€/a</b>	<b>6.432</b>
	<b>010</b>

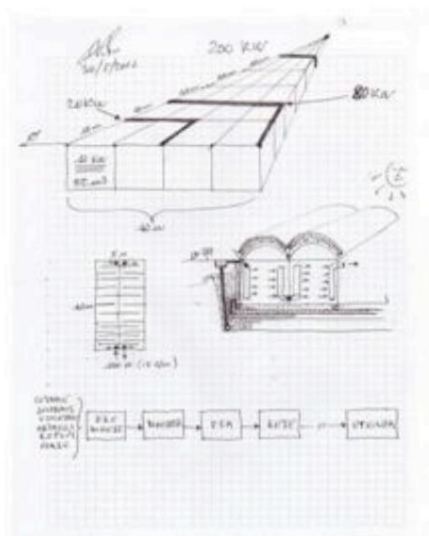
**Progetto: MBGC - MiniBioGasContinuous**

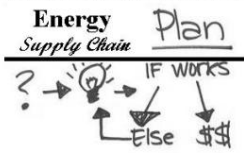
**Obbiettivo:** Avviare sito di pre assemblaggio e collaudo (procedure e manuali), per produzione di vasche MBGC

**Target:** Aziende dei Prefabbricati (CLS), IdroMeccanica, Investitori finanziari, Operatori del settore BioGas/BioMetano



Il progetto si prefigge di attivare un sito produttivo, dalla progettazione all'assemblaggio (pro consegna e rapido montaggio), con messa a punto delle procedure orientate alle produzioni concordate con la committenza (sulla base dei prodotti disponibili per l'alimentazione) e delle destinazioni degli output prodotti. Le soluzioni gravano su prodotti standard dal mercato delle gestioni idriche e dei prefabbricati, assiemati e collaudati in ottica di ottimizzare la digestione anaerobica lineare, con estrazione selettiva e correttiva. In collaborazione con laboratori interni ed esterni, agirà da supporto remoto alle installazioni in carico (EPC).





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SIC	MBGC extension MiniBioGasContinuous	
	Biogas	year 2016

10 units  
250 Units/year

BALANCE SHEET	
Investment	1,004,000 euros
1	MGMT Internal € 80,000 euros
2	Vendor Hard € 280,000 euros
3	Vendor Soft € 140,000 euros
4	HR € 504,000 euros
5	others € 0 euros

INCOME ACCOUNT		250 units/year	€/u
Revenue	6,432,300 Euros/year	25,729	
1	Material Resources €/y	22,050 Euros/year	
2	Human Resources €/y	110,250 Euros/year	
3	Tanks €/y	3,675,000 Euros/year	
4	Assembly €/y	1,050,000 Euros/year	
5	Testing €/y	525,000 Euros/year	
6	Services €/y	1,050,000 Euros/year	
7	Inputs 7 €/year	0 Euros/year	
costs	3,090,000 Euros/year	12,360	
1 2	Material Resources €/y	15,000 Euros/year	
	Human Resources €/y	75,000 Euros/year	
3	Tanks €/y	1,750,000 Euros/year	
4	Assembly €/y	500,000 Euros/year	
5	Testing €/y	250,000 Euros/year	
6	Services €/y	500,000 Euros/year	

Gross profit 3,342,300 Euros/year

Economic-financial plan	
1 Project	1,004,000 euros
2 Equity share	20%
3 Equities	200,800 euros
4 Financing	803,200 euros
5 Project revenues	6,432,300 Euros/year
6 Costs	-3,090,000 Euros/year
7 Loan installment	-56,310 Euros/year
8 Cash surplus	3,285,990 Euros/year
9 PBP (Pay Back Period), years	0.31 0.06 PBP on Equity
10 NPV (8%, 20y)	37,945,837 euros

**Project:** MBGC - MiniBioGasContinuous

**Objective:** Start a pre-assembly and testing site (procedures and manuals), for the production of tanks

MBGC extension

**Target:** Prefabricated Buildings (CLS), Hydromechanics, Financial Investors, Industry Operators  
BioGas/BioMethane

The project aims to activate a production site, from design to assembly (pro delivery and rapid assembly), with the development of production-oriented procedures agreed with the client (based on the products available for supply) and the destinations of the outputs produced. The solutions rely on standard products from the water management and prefabricated market, assembled and tested with a view to optimizing linear anaerobic digestion, with selective and corrective extraction. In collaboration with internal and external laboratories, it will act as remote support to the installations in charge (EPC).

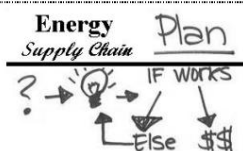
Energy  
Supply Chain Plan  
IF WORKS  
Else

MBGC	CAPEX €		Built €/a		€Unit	100.400	Esercizio	Prezzo €/u	
	OpEX €/a		RO		€Unit	70.000		Costo €/u	
					€Unit				
	costo €	k	prezzo €	costo €	k	Partner	RICAVI NETTI €	Prov. %	PREZZO CLIENTE €
CapEx - unit	10							0%	
Management Internal-Direct €	30.000	1,00	30.000	30.000	2,00	60.000	30.000	0	60.000
Management Others €	0	1,00	0	0	2,00	0	0	0	0
Advisor Fin. €	10.000	1,00	10.000	10.000	2,00	20.000	10.000	0	20.000
Other 4 €	0	1,00	0	0	2,00	0	0	0	0
Other 5 €	0	1,00	0	0	2,00	0	0	0	80.000
Vendor Hard €	200.000	1,00	200.000	200.000	1,40	280.000	80.000	0	280.000
Vendor Soft €	100.000	1,00	100.000	100.000	1,40	140.000	40.000	0	140.000
HR €	360.000	1,00	360.000	360.000	1,40	504.000	144.000	0	504.000
Vendor 4 €	0	1,00	0	0	1,40	0	0	0	0
Vendor 5 €	0	1,00	0	0	1,40	0	0	0	0
Vendor 6 €	0	1,00	0	0	1,40	0	0	0	924.000
	700.000		700.000	700.000		1.004.000	304.000	0	1.004.000
OpEX unit	250							0%	
Material Resource €/a	15.000	1,00	15.000	15.000	1,00	15.000	0	0	15.000
Human Resource €/a	75.000	1,00	75.000	75.000	1,00	75.000	0	0	75.000
Vasche €/a	1.750.000	1,00	1.750.000	1.750.000	1,00	1.750.000	0	0	1.750.000
Assemblaggio €/a	500.000	1,00	500.000	500.000	1,00	500.000	0	0	500.000
Collaudo €/a	250.000	1,00	250.000	250.000	1,00	250.000	0	0	250.000
Servizi €/a	500.000	1,00	500.000	500.000	1,00	500.000	0	0	500.000
	3.090.000		3.090.000	3.090.000		3.090.000	0	0	3.090.000
Built unit	250							5%	
Material Resource €/a	15.000	1,00	15.000	15.000	1,40	21.000	6.000	1.050	22.050
Human Resource €/a	75.000	1,00	75.000	75.000	1,40	105.000	30.000	5.250	110.250
Vasche €/a	1.750.000	1,00	1.750.000	1.750.000	2,00	3.500.000	1.750.000	175.000	3.675.000
Assemblaggio €/a	500.000	1,00	500.000	500.000	2,00	1.000.000	500.000	50.000	1.050.000
Collaudo €/a	250.000	1,00	250.000	250.000	2,00	500.000	250.000	25.000	525.000
Servizi €/a	500.000	1,00	500.000	500.000	2,00	1.000.000	500.000	50.000	1.050.000
Input 7 €/a	0	1,00	0	0	1,00	0	0	0	6.300.000
	3.090.000		3.090.000	3.090.000		6.126.000	3.036.000	306.300	6.432.300



Year	Number of Publications (approx.)
1980	10,000
1981	15,000
1982	20,000
1983	25,000
1984	30,000
1985	35,000
1986	40,000
1987	45,000
1988	50,000
1989	55,000
1990	60,000
1991	65,000
1992	70,000
1993	75,000
1994	80,000
1995	85,000
1996	90,000
1997	95,000
1998	100,000
1999	105,000
2000	110,000
2001	115,000
2002	120,000
2003	125,000
2004	130,000
2005	135,000
2006	140,000
2007	145,000
2008	150,000
2009	155,000
2010	160,000
2011	165,000
2012	170,000
2013	175,000
2014	180,000
2015	185,000
2016	190,000
2017	195,000
2018	200,000
2019	205,000
2020	210,000





# Energy Supply-Chain Plan Srl

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**ESAE** TV S  
Energy Savings for  
Agriculture and Environment

**Spin-off**  
Università degli Studi di Milano

	PBRC
VAN(8%,20y) k€	43.940
CapEx k€	2.012
OpEx k€/a	3.570
Built k€/a	7.440
	020

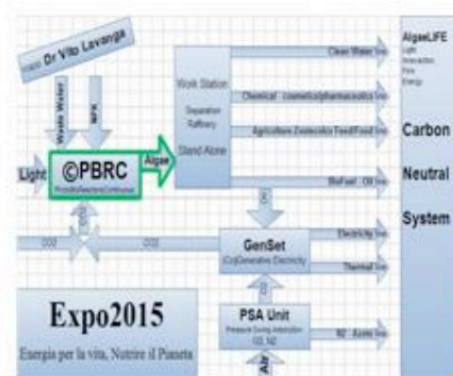
**Progetto: PBRC - PhtoBioReactorContinuous**

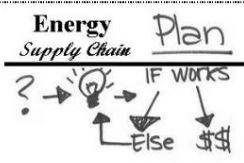
**Obbiettivo:** Avviare sito di pre assemblaggio e collaudo (procedure e manuali), per produzione di vasche

**Target:** Aziende dei Prefabbricati (CLS), Operatori del settore LED di potenza, Aziende Idromeccanica, Investitori finanziari, Operatori del settore AGRO e BioGas/BioMetano



Il progetto si prefigge di attivare un sito produttivo, dalla progettazione all'assemblaggio (pro consegna e rapido montaggio), con messa a punto delle procedure orientate alle produzioni concordate con la committenza (sulla base dei prodotti disponibili per l'alimentazione) e delle destinazioni degli output prodotti. Le soluzioni gravano su prodotti standard dal mercato delle gestioni idriche e dei prefabbricati, di prodotti LED integrati a FER, assemblati e collaudati in ottica di ottimizzare la coltura di ceppi algali funzionali agli obbiettivi commissionati. In stretta collaborazione con laboratori interni ed esterni, agirà da supporto remoto alle installazioni in carico (EPC).





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Lavender Dr. Vitus	PBR extension	PhotoBioReactorContinuous
	MicroAlgae	year 2016
		5 units
		60 Units/year

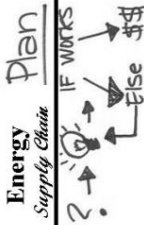
BALANCE SHEET		
Investment		2,012,000 euros
1	MGMT Internal €	220,000 euros
2	Vendor Hard €	840,000 euros
3	Vendor Soft €	420,000 euros
4	HR €	532,000 euros
5	others €	0 euros

INCOME ACCOUNT			60 units/year	€/u
Revenue			7,440,300 Euros/year	124.005
1	Material Resources €/y		22,050 Euros/year	
2	Human Resources €/y		110,250 Euros/year	
3	Tanks €/y		5,040,000 Euros/year	
4	Assembly €/y		1,890,000 Euros/year	
5	Testing €/y		378,000 Euros/year	
6	Inputs 6 €/year		0 Euros/year	
7	Inputs 7 €/year		0 Euros/year	
costs			3,570,000 Euros/year	59.500
1	Material Resources €/y		15,000 Euros/year	
2	Human Resources €/y		75,000 Euros/year	
3	Tanks €/y		2,400,000 Euros/year	
4	Assembly €/y		900,000 Euros/year	
5	Testing €/y		180,000 Euros/year	
6	others €/y		0 Euros/year	
Gross profit			3,870,300 Euros/year	

Economic-financial plan		
1 Project	2,012,000 euros	
2 Equity share	20%	
3 Equities	402,400 euros	
4 Financing	1,609,600 euros	
5 Project revenues	7,440,300 Euros/year	
6 Costs	-3,570,000 Euros/year	
7 Loan installment	-129,158 Euros/year	
8 Cash surplus	3,741,142 Euros/year	
9 PBP (Pay Back Period). years	0.54	0.11 PBP on Equity
10 NPV (8%, 20y)	43,940,332 euros	

**Project:** PBRC - PhtoBioReactorContinuous  
**Objective:** Start a pre-assembly and testing site (procedures and manuals), for the production of tanks  
**Target:** Prefabricated Buildings Companies (CLS), Power LED Sector Operators, Hydromechanical Companies, Financial Investors, Operators in the AGRO and BioGas/BioMethane sector

The project aims to activate a production site, from design to assembly (pro delivery and rapid assembly), with the development of production-oriented procedures agreed with the client (based on the products available for supply) and the destinations of the outputs produced. The solutions rely on standard products from the water management and prefabricated market, LED products integrated with RES, assembled and tested with a view to optimizing the cultivation of algal strains functional to the commissioned objectives. In close collaboration with internal and external laboratories, it will act as remote support to the installations in charge (EPC).

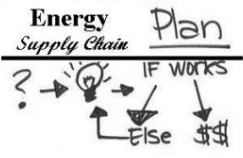


CAPEX €	2.012.000	Built €/a	7.440.300	€/unit	402.400	Partner	RICAVI NETTI €	Esercizio	Prezzo €/u	124.005
OpEX €/a	3.570.000	RO	192,36%	€/unit	278.000				Costo €/u	59.500
PBRC										
	costo €	k	prezzo €	costo €	k	prezzo €			Provv. %	CLIENTE €
Vendor List										
CapEx - unit										
Management Internal-Direct €	5								0%	
Management Others €	60.000	1,00	60.000	60.000	2,00	120.000	60.000	0	0	120.000
Advisor Fin. €	40.000	1,00	40.000	40.000	2,00	80.000	40.000	0	0	80.000
Other 4 €	10.000	1,00	10.000	10.000	2,00	20.000	10.000	0	0	20.000
Other 5 €	0	1,00	0	0	2,00	0	0	0	0	0
Vendor Hard €	600.000	1,00	600.000	600.000	1,40	840.000	240.000	0	0	840.000
Vendor Soft €	300.000	1,00	300.000	300.000	1,40	420.000	120.000	0	0	420.000
HR €	380.000	1,00	380.000	380.000	1,40	532.000	152.000	0	0	532.000
Vendor 4 €	0	1,00	0	0	1,40	0	0	0	0	0
Vendor 5 €	0	1,00	0	0	1,40	0	0	0	0	0
Vendor 6 €	0	1,00	0	0	1,40	0	0	0	0	0
	1.390.000		1.390.000	1.390.000	1,40	2.012.000	622.000	0	0	2.012.000
OpEX unit										
Material Resource €/a	60	1,00	15.000	15.000	1,00	15.000	0	0	0	15.000
Human Resource €/a	15.000	1,00	75.000	75.000	1,00	75.000	0	0	0	75.000
Vasche €/a	2.400.000	1,00	2.400.000	2.400.000	1,00	2.400.000	0	0	0	2.400.000
Assemblaggio €/a	900.000	1,00	900.000	900.000	1,00	900.000	0	0	0	900.000
Collaudo €/a	180.000	1,00	180.000	180.000	1,00	180.000	0	0	0	180.000
Output 6 €/a	0	1,00	0	0	1,00	0	0	0	0	0
	3.570.000		3.570.000	3.570.000		3.570.000	0	0	0	3.570.000
Built unit										
Material Resource €/a	60	1,00	15.000	15.000	1,40	21.000	6.000	1.050	22.050	
Human Resource €/a	15.000	1,00	75.000	75.000	1,40	105.000	30.000	5.250	110.250	132.300
Vasche €/a	2.400.000	1,00	2.400.000	2.400.000	2,00	4.800.000	2.400.000	240.000	5.040.000	
Assemblaggio €/a	900.000	1,00	900.000	900.000	2,00	1.800.000	900.000	90.000	1.890.000	
Collaudo €/a	180.000	1,00	180.000	180.000	2,00	360.000	180.000	18.000	378.000	
Input 6 €/a	0	1,00	0	0	1,00	0	0	0	0	0
Input 7 €/a	0	1,00	0	0	1,00	0	0	0	0	0
	3.570.000		3.570.000	3.570.000		7.086.000	3.516.000	354.300	7.440.300	7.308.000



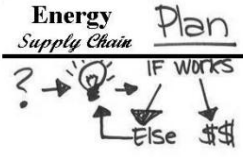
	2012/2000	VANI	Over	VAN fluit
194,381%	15%	27,068,526.88	25065627	541,3705
	14%	28,145,336.72	26753537	575,3071
	13%	30,647,360.22	28835360	612,9472
	12%	33,741,059.85	30729060	6548212
	11%	35,077,480.94	33854841	7015486
	10%	37,693,015.61	35881016	75338603
	9%	40,630,469.33	38618469	8126094
	8%	43,340,331.88	41268322	8780866
	7%	47,682,324.79	45870255	95354655
	6%	51,927,280.48	49815280	10385458
	5%	58,759,504.63	54475105	11345903
	4%	62,279,514.10	60267110	12455903
	3%	68,607,029.54	66963630	13721526
	2%	75,888,235.29	73967235	15177847
	1%	84,295,123.00	82083123	16898025
	0%	94,038,110.33	92082110	18807622





# Energy Supply-Chain Plan Srl

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## Energy Supply-Chain Plan Srl

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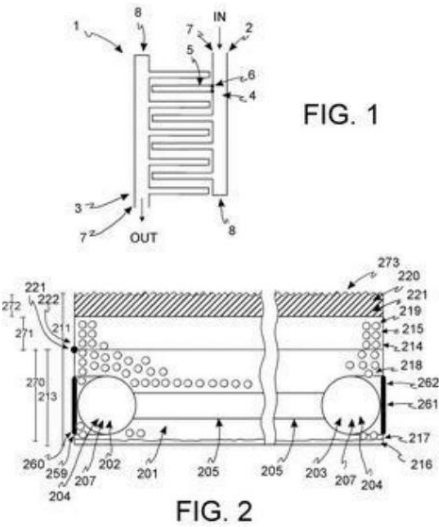
®GUPC copyrights	SIDR
NPV(8%,20y) €k	19.080
CapEx €k	1.003
OpEx k€/y	1,565
Built k€/yr	3,246
	130

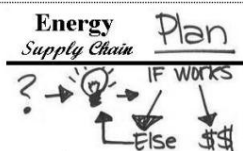
**Project:** SIDR™ – System for Irrigation, Drainage, Heating/Cooling, applications on industry and logistics, agronomy, contrast to hydrogeological instability, improved road safety.

**Objective:** Management method of turf for sports fields ed other with widespread and homogeneous hygrothermal conditioning, hot and cold, with particular attention to the water cycle

**Target:** Natural grass playing fields, hockey, and ice rinks, Plateau of buildings in general and logistics, Roads with special sections, Airport runways, intensive proximity agronomy

Use of the facilities for 365 days/year. Thermally conditioned surface (hot/cold) in an absolutely homogeneous way. Optimal drainage for grass pitches in any weather situation, with elimination of root asphyxiation phenomena caused by water stagnation. High energy efficiency at very competitive costs. Drastic reduction (80%) of water consumption, fertilizers and pesticides, thus preserving water tables. Bivalent, for cold and hot climates (especially those with water problems). In collaboration with internal and external laboratories, it will act as remote support (using sustained automation with PLC) to the installations in charge (EPC). NB - RIGHTS in IT, CN, IN, EAPO (RU, KK, AZ, BY, TJ, KG, TM, AM)



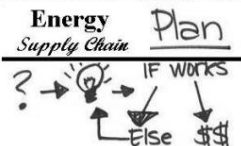


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Lavanga Dott. Vito		SIDR	Heating/cooling surface in sport, agro, industry
		Agro&Sport	anno 2021
			5 Unit
			125 Unit/a
<b>CONTO PATRIMONIALE</b>			
Investimento		1.002.750	Euro
1	MGMT Internal €	157.500	Euro
2	Vendor Hard €	264.600	Euro
3	Vendor Soft €	176.400	Euro
4	HR €	404.250	Euro
5	others €	0	Euro
<b>CONTO ECONOMICO</b>		125	unit/a €/u
Ricavi		3.245.550	Euro/a 25.964
1	Material Resource €/a	22.050	Euro/a
2	Human Resource €/a	73.500	Euro/a
3	Vasche €/a	2.362.500	Euro/a
4	Assemblaggio €/a	525.000	Euro/a
5	Collaudo €/a	262.500	Euro/a
6	Input 6 €/a	0	Euro/a
7	Input 7 €/a	0	Euro/a
Costi		1.565.000	Euro/a 12.520
1	Material Resource €/a	15.000	Euro/a
2	Human Resource €/a	50.000	Euro/a
3	Vasche €/a	1.125.000	Euro/a
4	Assemblaggio €/a	250.000	Euro/a
5	Collaudo €/a	125.000	Euro/a
6	Output 6 €/a	0	Euro/a
Utile lordo		1.680.550	Euro/a
<b>Piano economico-finanziario</b>			
1	Progetto	1.002.750	Euro
2	Equity quota	20	%
3	Equity	200.550	Euro
4	Finanziamento	802.200	Euro
5	Ricavi di progetto	3.245.550	Euro/a
6	Costi	-1.565.000	Euro/a
7	Rata finanziamento	-64.371	Euro/a
8	Avanzo di cassa	1.616.179	Euro/a
9	PBP (Pay Back Period), anni	0,62	0,12 PBP on Equity
10	<b>VAN (8%, 20y)</b>	<b>19.079.638</b>	<b>Euro</b>
<p><b>Progetto:</b> SIDR™ – Sistema per Irrigazione, Drenaggio, Riscaldamento/Raffrescamento, per ampie applicazioni su industria logistica, agronomia e contrasto a dissesto idrogeologico favorendo sicurezza nella viabilità.</p> <p><b>Obbiettivo:</b> Nuovo metodo di gestione del manto erboso per campi sportivi ed altro con condizionamento igrotermico diffuso ed omogeneo, caldo e freddo, con peculiari attenzioni al ciclo dell'acqua</p> <p><b>Target:</b> Campi da gioco in erba naturale, da hockey, e piste di pattinaggio, Platee di fabbricati in generale e logistica, Strade con tratti speciali, Piste aeroportuali, agronomia intensiva di prossimità</p> <p>Utilizzo delle strutture per 365 giorni/anno. Superficie termicamente condizionata (caldo/freddo) in modo assolutamente omogeneo. Drenaggio ottimale per campi in erba in qualsiasi situazione meteo, con eliminazione dei fenomeni di asfissia radicale causati dai ristagni idrici. Elevata efficienza energetica a costi molto competitivi. Drastica riduzione (80%) dei consumi idrici, dei fertilizzanti e pesticidi, quindi preservando falde freatiche. Bivalente, per climi freddi e caldi (in particolare per quelli con criticità idriche). In collaborazione con laboratori interni ed esterni, si agirà da supporto remoto (ricorrendo a sostenuta automazione con PLC) alle installazioni in carico (EPC). NB - RIGHTS in IT, CN, IN, EAPO (RU, KK, AZ, BY, TJ, KG, TM, AM)</p>			





# Energy Supply-Chain Plan Srl

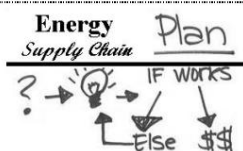
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	CAPEX €	1.002.750	Built €/a	3.245.550	€/unit	200.550	Esercizio	Prezzo €/u	25.964
	OpEX €/a	1.565.000	RO	167,59%	€/unit	130.000		Costo €/u	12.520
SIDR									
	Vendor List				Partner		RICAVI	Provv.	PREZZO
	costo €	k	prezzo €	costo €	k	prezzo €	NETTI €	%	CLIENTE €
CapEX - unit	5,00							5%	
Management Internal-Direct €	40.000	1,00	40.000	40.000	2,00	80.000	40.000	4.000	84.000
Management Others €	20.000	1,00	20.000	20.000	2,00	40.000	20.000	2.000	42.000
Advisor Fin. €	15.000	1,00	15.000	15.000	2,00	30.000	15.000	1.500	31.500
Other 4 €	0	1,00	0	0	2,00	0	0	0	0
Other 5 €	0	1,00	0	0	2,00	0	0	0	0
Vendor Hard €	180.000	1,00	180.000	180.000	1,40	252.000	72.000	12.600	264.600
Vendor Soft €	120.000	1,00	120.000	120.000	1,40	168.000	48.000	8.400	176.400
HR €	275.000	1,00	275.000	275.000	1,40	385.000	110.000	19.250	404.250
Vendor 4 €	0	1,00	0	0	1,40	0	0	0	0
Vendor 5 €	0	1,00	0	0	1,40	0	0	0	0
Vendor 6 €	0	1,00	0	0	1,40	0	0	0	0
	650.000		650.000	650.000		955.000	305.000	47.750	1.002.750
OpEX unit	125							0%	
Material Resource €/a	15.000	1,00	15.000	15.000	1,00	15.000	0	0	15.000
Human Resource €/a	50.000	1,00	50.000	50.000	1,00	50.000	0	0	50.000
Vasche €/a	1.125.000	1,00	1.125.000	1.125.000	1,00	1.125.000	0	0	1.125.000
Assemblaggio €/a	250.000	1,00	250.000	250.000	1,00	250.000	0	0	250.000
Collaudo €/a	125.000	1,00	125.000	125.000	1,00	125.000	0	0	125.000
Output 6 €/a	0	1,00	0	0	1,00	0	0	0	0
	1.565.000		1.565.000	1.565.000		1.565.000	0	0	1.565.000
Built unit	125							5%	
Material Resource €/a	15.000	1,00	15.000	15.000	1,40	21.000	6.000	1.050	22.050
Human Resource €/a	50.000	1,00	50.000	50.000	1,40	70.000	20.000	3.500	73.500
Vasche €/a	1.125.000	1,00	1.125.000	1.125.000	2,00	2.250.000	1.125.000	112.500	2.362.500
Assemblaggio €/a	250.000	1,00	250.000	250.000	2,00	500.000	250.000	25.000	525.000
Collaudo €/a	125.000	1,00	125.000	125.000	2,00	250.000	125.000	12.500	262.500
Input 6 €/a	0	1,00	0	0	1,00	0	0	0	0
Input 7 €/a	0	1,00	0	0	1,00	0	0	0	0
	1.565.000		1.565.000	1.565.000		3.091.000	1.526.000	154.550	3.245.550



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# Energy Supply-Chain Plan Srl

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**ESAE** TVS  
Energy Savings for  
Agriculture and Environment

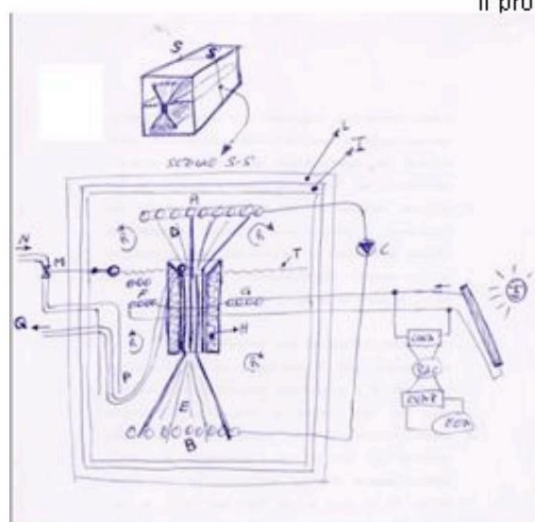
**Spin-off**  
Università degli Studi di Milano

	SDGC
<b>VAN(8%,20y) k€</b>	<b>30.319</b>
<b>CapEx k€</b>	<b>1.010</b>
<b>OpEx k€/a</b>	<b>2.465</b>
<b>Built k€/a</b>	<b>5.136</b>
	<b>070</b>

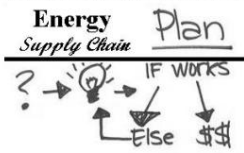
**Progetto: SDGC - SolarDesalinationGeoassistedContinuous**

**Obiettivo:** Avviare sito di assemblaggio e collaudo (procedure e manuali), per produzione di vasche SDGC (di tagli e funzioni assortite, bonifica di corpi idrici o produzioni a scopi alimentari).

**Target:** Aziende dei Prefabbricati e Container, IdroMeccanica, Investitori finanziari, Operatori del settore Acqua Dolce, Operatori della depurazione



Il progetto si prefigge di attivare un sito produttivo, dalla progettazione all'assemblaggio (pro consegna e rapido montaggio), con messa a punto delle procedure orientate alle produzioni concordate con la committenza (sulla base degli input disponibili) e delle destinazioni degli output prodotti. Le soluzioni gravano su prodotti standard dal mercato delle gestioni idriche e dei prefabbricati (anche container), assiemati e collaudati in ottica di ottimizzare la distillazione mediante energia solare e sostentamento da gradienti termici. In collaborazione con laboratori interni ed esterni, agirà da supporto remoto alle installazioni in carico (EPC).



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Lavanga Dr. Vito	SDGC	SolarDesalinationGeoassistedContinuous
	Desalination	year 2016
		10 units
		200 Units/year

BALANCE SHEET			
Investment		1,010,100 euros	
1	MGMT Internal €	157,500 euros	
2	Vendor Hard €	264,600 euros	
3	Vendor Soft €	176,400 euros	
4	HR €	411,600 euros	
5	others €	0 euros	

INCOME ACCOUNT			
		200 units/year	€/u
Revenue		5.135.550 Euro/year	25,678
1	Material Resources €/y	22,050 Euros/year	
2	Human Resources €/y	73,500 Euros/year	
3	Tanks €/y	3,780,000 Euros/year	
4	Assembly €/y	840,000 Euros/year	
5	Testing €/y	420,000 Euros/year	
6	Inputs 6 €/year	0 Euros/year	
7	Inputs 7 €/year	0 Euros/year	
costs		2,465,000 Euros/year	12,325
1	Material Resources €/y	15,000 Euros/year	
2	Human Resources €/y	50,000 Euros/year	
3	Tanks €/y	1,800,000 Euros/year	
4	Assembly €/y	400,000 Euros/year	
5	Testing €/y	200,000 Euros/year	
6	Output 6 €/yr	0 Euros/year	
Gross profit		2,670,550 Euros/year	

Economic-financial plan		
1 Project	1,010,100 euros	
2 Equity share	20%	
3 Equities	202,020 euros	
4 Financing	808,080 euros	
5 Project revenues	5,135,550 Euros/year	
6 Costs	-2,465,000 Euros/year	
7 Loan installment	-64,842 Euros/year	
8 Cash surplus	2,605,708 Euros/year	
9 PBP (Pay Back Period). years	0.39	0.08 PBP on Equity
10 NPV (8%, 20y)	30,319,317 Euros	

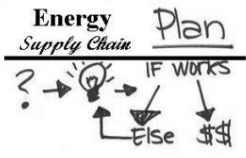
**Project:** SDGC - SolarDesalinationGeoassistedContinuous  
**Objective:** Start an assembly and testing site (procedures and manuals), for the production of SDGC tanks (of assorted cuts and functions, reclamation of water bodies or production for food purposes).  
**Target:** Prefabricated and Container Companies, Hydromechanics, Financial Investors, Fresh Water Sector Operators, Purification Operators

The project aims to activate a production site, from design to assembly (pro delivery and rapid assembly), with the development of production-oriented procedures agreed with the client (on the basis of available inputs) and the destinations of the outputs produced. The solutions rely on standard products from the management market water and prefabricated buildings (including containers), assembled and tested with a view to optimizing distillation using solar energy and sustaining thermal gradients. In collaboration with internal and external laboratories, it will act as remote support to the installations in charge (EPC).



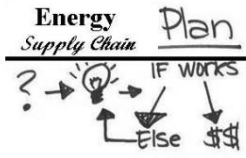


Opt.2	0 %	0 %	0 %	0 %	Base	264 %
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€	€	€	€	€	€	€
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2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
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17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0



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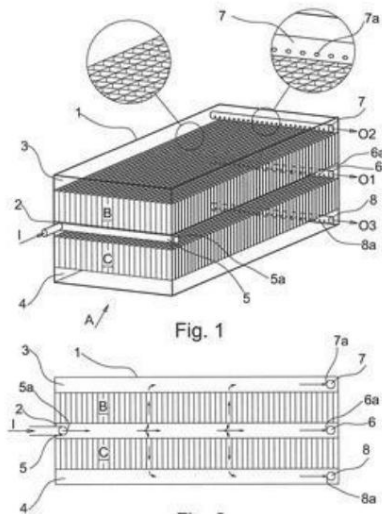


	gain extension
NPV(8%, 20y) €k	37,812
CapEx €k	1,040
OpEx k€/y	3,065
Built k€/yr	6,396
	120

### Project: GSMF - Gravimetric Separator Mixtures Fluid (liquid/gas)

**Objective:** Start assembly and testing site (procedures e manuals), for the production of GSMF containers (of assorted cuts and functions, separations for the reclamation of water bodies or production of machines and plants for residential, industrial, agro-zootechnics).

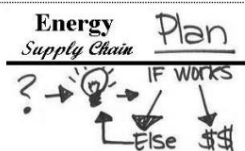
**Target:** Prefabricated and Container Companies, Hydromechanics, Financial Investors, Fresh Water Sector Operators, Purification Operators



The project aims to activate a production site, from design to assembly (pro-delivery and rapid assembly), with fine-tuning of production-oriented procedures agreed with the client (on the basis of available inputs) and the destinations of the outputs produced.

The solutions rely on standard products from the water management and prefabricated market (also containers in compatible materials and water-repellent to the components in action, selecting industry standards honeycomb in congruous shapes and materials, organic or metallic), assembled and tested with a view to optimizing the separation using solar energy and sustaining thermal gradients. In collaboration with internal and external laboratories, it will act as a remote support (using sustained automation with PLC) to the installations in charge (EPC).





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Lavanga Dr. Vito		gsm extension	GravimetricSeparatorMixtureFluid(liquid/gas)
		Separation	year 2021
			10 units
			250 Units/year

## BALANCE SHEET

Investment		1,039,500 euros
1	MGMT Internal €	157,500 euros
2	Vendor Hard €	264,600 euros
3	Vendor Soft €	176,400 euros
4	HR €	441,000 euros
5	others €	0 euros

## INCOME ACCOUNT

		250 units/year	€/u
Revenue		6,395,550 Euros/year	25,582
1	Material Resources €/y	22,050 Euros/year	
2	Human Resources €/y	73,500 Euros/year	
3	Tanks €/y	4,725,000 Euros/year	
4	Assembly €/y	1,050,000 Euros/year	
5	Testing €/y	525,000 Euros/year	
6	Inputs 6 €/year	0 Euros/year	
7	Inputs 7 €/year	0 Euros/year	
costs		3,065,000 Euros/year	12,260
1	Material Resources €/y	15,000 Euros/year	
2	Human Resources €/y	50,000 Euros/year	
3	Tanks €/y	2,250,000 Euros/year	
4	Assembly €/y	500,000 Euros/year	
5	Testing €/y	250,000 Euros/year	
6	Output 6 €/yr	0 Euros/year	
	Gross profit	3,330,550 Euros/year	

## Economic-financial plan

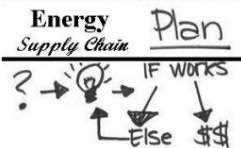
1 Project	1,039,500 euros
2 Equity share	20%
3 Equities	207,900 euros
4 Financing	831,600 euros
5 Project revenues	6,395,550 Euros/year
6 Costs	-3,065,000 Euros/year
7 Loan installment	-66,730 Euros/year
8 Cash surplus	3,263,820 Euros/year
9 PBP (Pay Back Period), years	0.32 0.06 PBP on Equity
10 NPV (8%, 20y)	37,812,436 Euros

**Project:** GSMF - Gravimetric Separator Mixtures Fluid (liquid and gas)

**Objective:** Start an assembly and testing site (procedures and manuals), for the production of GSMF containers (of assorted cuts and functions, separations for the reclamation of water bodies or production of machines and systems serving residential, industrial, agronomy and animal husbandry).

**Target:** Prefabricated and Container Companies, Hydromechanics, Financial Investors, Fresh Water Sector Operators, Purification Operators

The project aims to activate a production site, from design to assembly (pro delivery and rapid assembly), with the development of production-oriented procedures agreed with the client (on the basis of available inputs) and the destinations of the outputs produced. The solutions rely on standard products from the water management and prefabricated market (including containers in compatible and water-repellent materials for the components in action, selecting standard industry honeycomb in congruous shapes and materials, organic or metallic), assembled and tested with a view to optimizing separation by solar energy and maintenance by thermal gradients. In collaboration with internal and external laboratories, it will act as a remote support (using sustained automation with PLC) to the installations in charge (EPC).



# Energy Supply-Chain Plan Srl

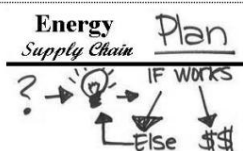
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CAPEX €	1.039.500	Built €/a	6.395.550	€/unit	103.950	Esercizio	Prezzo €/u	25.582
OpEX €/a	3.065.000	RO	320,40%	€/unit	67.500		Costo €/u	12.260
GSMF								
		Vendor List			Partner	RICAVI	Provv.	PREZZO
	costo €	k	prezzo €	costo €	k	prezzo €	NETTI €	CLIENTE €
CapEX - unit	10,00						5%	
Management Internal-Direct €	40.000	1,00	40.000	40.000	2,00	80.000	4.000	84.000
Management Others €	20.000	1,00	20.000	20.000	2,00	40.000	2.000	42.000
Advisor Fin. €	15.000	1,00	15.000	15.000	2,00	30.000	1.500	31.500
Other 4 €	0	1,00	0	0	2,00	0	0	0
Other 5 €	0	1,00	0	0	2,00	0	0	0
Vendor Hard €	180.000	1,00	180.000	180.000	1,40	252.000	12.600	264.600
Vendor Soft €	120.000	1,00	120.000	120.000	1,40	168.000	8.400	176.400
HR €	300.000	1,00	300.000	300.000	1,40	420.000	21.000	441.000
Vendor 4 €	0	1,00	0	0	1,40	0	0	0
Vendor 5 €	0	1,00	0	0	1,40	0	0	0
Vendor 6 €	0	1,00	0	0	1,40	0	0	0
	675.000		675.000	675.000		990.000	315.000	1.039.500
OpEX unit	250						0%	
Material Resource €/a	15.000	1,00	15.000	15.000	1,00	15.000	0	15.000
Human Resource €/a	50.000	1,00	50.000	50.000	1,00	50.000	0	50.000
Vasche €/a	2.250.000	1,00	2.250.000	2.250.000	1,00	2.250.000	0	2.250.000
Assemblaggio €/a	500.000	1,00	500.000	500.000	1,00	500.000	0	500.000
Collaudo €/a	250.000	1,00	250.000	250.000	1,00	250.000	0	250.000
Output 6 €/a	0	1,00	0	0	1,00	0	0	0
	3.065.000		3.065.000	3.065.000		3.065.000	0	3.065.000
Built unit	250						5%	
Material Resource €/a	15.000	1,00	15.000	15.000	1,40	21.000	6.000	22.050
Human Resource €/a	50.000	1,00	50.000	50.000	1,40	70.000	20.000	73.500
Vasche €/a	2.250.000	1,00	2.250.000	2.250.000	2,00	4.500.000	2.250.000	4.725.000
Assemblaggio €/a	500.000	1,00	500.000	500.000	2,00	1.000.000	500.000	1.050.000
Collaudo €/a	250.000	1,00	250.000	250.000	2,00	500.000	250.000	525.000
Input 6 €/a	0	1,00	0	0	1,00	0	0	0
Input 7 €/a	0	1,00	0	0	1,00	0	0	0
	3.065.000		3.065.000	3.065.000		6.091.000	3.026.000	6.395.550

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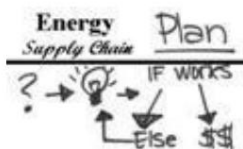
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	GDMP
VAN(8%,20y) k€	83.746
CapEx k€	1.018
OpEx k€/a	13.660
Built k€/a	21.036
RO	725%
	032



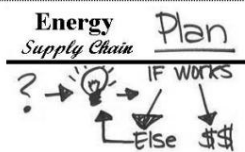
**Progetto:** GDMP – Global Digital Marketing Plan, “Made-in-Italy” to World

**Obiettivo:** Portare Proprietà Intellettuale/Industriale italiana nel mondo, mediante vendita di licenze (know-how e brevetti); sollecitare lo start di progetti nel mondo che ricorrano a brevetti italiani, nel proprio paniere diretto e di terze parti italiane.

**Target:** Società di servizi ed Agenzie di Formazione / Comunicazione, Consulenza Strategica, Investor Relator, Investitori/Finanziatori, Ricettività, Viaggi e TourOpr, operatori IT/ICT

Il progetto si prefigge, mediante di team professionali (millennials con elevati skill IT/ICT), la produzione di servizi di commerciali digitali su diritti di proprietà intellettuale italiana; il proprio paniere di IP è fortemente innovativo e rivolto alle energie e risorse rinnovabili in generale (efficienza, acqua, energia, ambiente, sociale/inclusività); gli addetti, da base operativa di riferimento, operano in modo asincrono e distribuito sul territorio, coordinandosi per garantire servizio H24 funzionale ad ogni fuso orario; con sostenute proprie capacità linguistiche, supportati da centri specifici sotto il profilo legale e tecnico; i proventi sono da marginalità prefissate su IP, su start e presidio, con elevato monitoraggio, forti di contrattualistica sicura (PEC e FIRME), facendo ricorso a cloud, big-data, blockchain;

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Lavanga Dr.		GDMP	Global Digital Marketing Plan
Vitus		eCOMMERCE Advanced	year 2016

200 Units/year

600 h/u

## BALANCE SHEET

		20
Investment		1,018,000 euros
1 2	MGMT Internal €	150,000 euros
3	Vendor Hard €	252,000 euros
4	Vendor Soft €	168,000 euros
5	HR €	448,000 euros
	others €	0 euros

## INCOME ACCOUNT

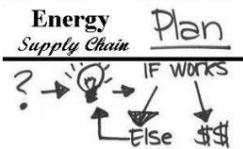
		200 units/year	€/u
Revenue		21,036,400 Euros/year	105.182
1 2	Material Resources €/y	184,800 Euros/year	
	Human Resources €/y	369,600 Euros/year	
3	IP_KH-Patent_Rights €/a	20,020,000 Euros/year	
4	Hw expenses €/y	184,800 Euros/year	
5	Sw expenses €/y	277,200 Euros/year	
6	Inputs 6 €/year	0 Euros/year	
7	Inputs 7 €/year	0 Euros/year	
costs		13,660,000 Euros/year	68,300
1 2	Material Resources €/y	120,000 Euros/year	
	Human Resources €/y	240,000 Euros/year	
3	IP_KH-Patent_Rights €/a	13,000,000 Euros/year	
4	Hw expenses €/y	120,000 Euros/year	
5	Sw expenses €/y	180,000 Euros/year	
6	Output 6 €/yr	0 Euros/year	
Gross profit		7,376,400 Euros/year	

## Economic-financial plan

1 Project	1,018,000 euros
2 Equity share	20%
3 Equities	203,600 euros
4 Financing	814,400 euros
5 Project revenues	21,036,400 Euros/year
6 Costs	-13,660,000 Euros/year
7 Loan installment	-65,350 Euros/year
8 Cash surplus	7,311,050 Euros/year
9 PBP (Pay Back Period), years	0.14 0.03 PBP on Equity
10 NPV (8%, 20y)	83,745,824 euros

Project:	gdmp extension	global	digital	"Made-in-Italy" Market plan,	to	World
<b>Objective:</b> To bring Italian Intellectual/Industrial Property to the world, through the sale of licenses (know-how and patents); solicit the start of projects in the world that use Italian patents, in its own direct basket and those of Italian third parties.						
<b>Target:</b> Service companies and Training / Communication Agencies, Strategic Consulting, Investor Relator, Investors/Lenders, Accommodation, Travel IT/ICT operators TourOp,						

The project aims, through professional teams (millennials with high IT/ICT skills), to produce digital commercial services on Italian intellectual property rights; its basket of IPs is highly innovative and aimed at renewable energies and resources in general (efficiency, water, energy, environment, social/inclusiveness); the employees, from the reference operational base, operate asynchronously and distributed throughout the territory, coordinating to guarantee a 24-hour service functional to each time zone; with sustained own linguistic abilities, supported by specific centers from a legal and technical point of view; the proceeds are from pre-set margins on IP, on start-up and supervision, with high monitoring, strong in secure contracts (PEC and SIGNATURES), making use of the cloud, big-data, blockchain;



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CAPEX €	1,018,000	Built €/y	21.036.400	€/unit	50,900	Exercise	Price €/u	210.364
OpEX €/y	13,660,000	ROI extension	724.60%	€/unit	34,750		Cost €/u	136,600

gdp extension

Vendor List			Partner			REVENUES	provision	PRICE
cost €	k	price €	cost €	k	price €	NET €	%	CUSTOMER €

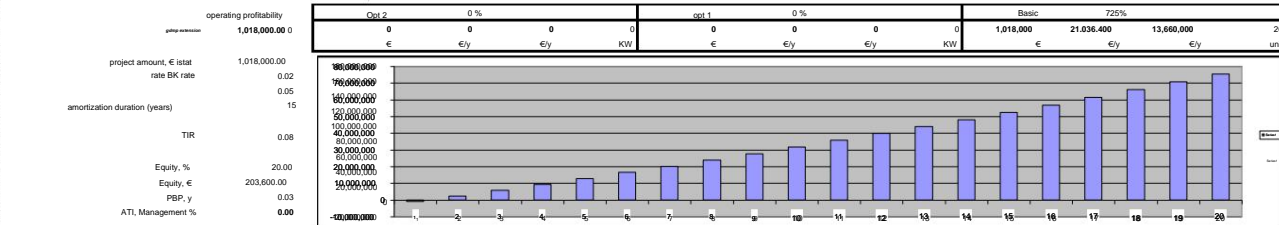
CapEX -	20.00							0%	
Management Internal-Direct unit €	40,000	1.00	40,000	40,000	2.00	80,000	40,000	0	80,000
Management Others €	20,000	1.00	20,000	20,000	2.00	40,000	20,000	0	40,000
Advisor Fin.	15,000	1.00	15,000	15,000	2.00	30,000	15,000	0	30,000
€Other €4	0	1.00	0	0	2.00	0	0	0	0
Others €5	0	1.00	0	0	2.00	0	0	0	0
Vendor Hard €	180,000	1.00	180,000	180,000	1.40	252,000	72,000	0	252,000
Vendor Soft €	120,000	1.00	120,000	120,000	1.40	168,000	48,000	0	168,000
HR €	320,000	1.00	320,000	320,000	1.40	448,000	128,000	0	448,000
Vendor €4		1.00			1.40			0	0
Vendors €5	0	1.00	0	0	1.40	0	0	0	0
Vendors €6	0	1.00	0	0	1.40	0	0	0	0
695,000			695,000	695,000		1,018,000	323,000	0	1,018,000

OpEX unit	200							0%	
Material Resources €/y	120,000	1.00	120,000	120,000	1.00	120,000	0	0	120,000
Human Resources €/y	240,000	1.00	240,000	240,000	1.00	240,000	0	0	240,000
IP_KH-Patent_Rights €/a	13,000,000	1.00	13,000,000	13,000,000	1.00	13,000,000	0	0	13,000,000
Hw expenses €/y	120,000	1.00	120,000	120,000	1.00	120,000	0	0	120,000
Sw expenses €/y	180,000	1.00	180,000	180,000	1.00	180,000	0	0	180,000
Output 6 €/yr		1.00			1.00		0	0	0
13,660,000			13,660,000	13,660,000		13,660,000	0	0	13,660,000

Built unit								10%	
Material Resources €/y	120,000	1.00	120,000	120,000	1.40	168,000	48,000	16,800	184,800
Human Resources €/y	240,000	1.00	240,000	240,000	1.40	336,000	96,000	33,600	369,600
IP_KH-Patent_Rights €/a	13,000,000	1.00	13,000,000	13,000,000	1.40	18,200,000	5,200,000	1,820,000	20,020,000
Hw expenses €/y	120,000	1.00	120,000	120,000	1.40	168,000	48,000	16,800	184,800
Sw expenses €/y	180,000	1.00	180,000	180,000	1.40	252,000	72,000	25,200	277,200
Inputs 6 €/year	0	1.00	0	0	1.40	0	0	0	0
Inputs 7 €/year	0	1.00	0	0	1.40	0	0	0	0
13,660,000			13,660,000	13,660,000		19,124,000	5,464,000	1,912,400	21.036.400



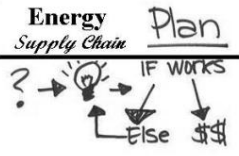
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Flow		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
amount, €	1,018,000.00	-1,018,000	-1,018,000	6,358,400	13,882,328	21,556,735	29,384,629	37,369,082	45,513,223	53,820,248	62,293,413	70,936,041	79,751,522	88,743,312	97,914,039	107,269,997	116,812,157	126,545,161	136,472,824	146,599,040	156,927,781	167,463,097
amount at the end of the financial year, €		-1,018,000	6,358,400	13,882,328	21,556,735	29,384,629	37,369,082	45,513,223	53,820,248	62,293,413	70,936,041	79,751,522	88,743,312	97,914,039	107,269,997	116,812,157	126,545,161	136,472,824	146,599,040	156,927,781	167,463,097	178,209,119
incentive (B5%) €	0.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
*Company costs/administration, tax savings	0.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
€ Revenues																						
Revenue indexed	511,129,190.04		21,036,400	21,457,128	21,886,271	22,323,996	22,770,476	23,225,885	23,690,403	24,164,211	24,647,495	25,140,445	25,643,254	26,156,119	26,679,242	27,212,827	27,757,083	28,312,225	28,878,469	29,456,039	30,045,159	30,646,063
Fixed revenues 1	0.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fixed revenues 2	0.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fixed revenues	0.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 Tot.	511,129,190.04		21,036,400	0,21457,128	0,21886,271	0,22323,996	0,22770,476	0,23225,885	0,23690,403	0,24164,211	0,24647,495	0,25140,445	0,25643,254	0,26156,119	0,26679,242	0,27212,827	0,27757,083	0,28312,225	0,28878,469	0,29456,039	0,30045,159	30,646,063
costs																						
Costs - HR	0.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Costs - Material(hw/sw)	0.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Costs - AI - Inhouse	-331,902,071.45		-13,660,000	-13,933,200	-14,211,864	-14,496,101	-14,786,023	-15,081,744	-15,383,379	-15,691,046	-16,004,867	-16,324,964	-16,651,464	-16,984,493	-17,324,183	-17,670,667	-18,024,080	-18,384,562	-18,752,253	-19,127,298	-19,509,844	-19,900,041
total	-331,902,071.45		-13,660,000	-13,933,200	-14,211,864	-14,496,101	-14,786,023	-15,081,744	-15,383,379	-15,691,046	-16,004,867	-16,324,964	-16,651,464	-16,984,493	-17,324,183	-17,670,667	-18,024,080	-18,384,562	-18,752,253	-19,127,298	-19,509,844	-19,900,041
Management delta, €	179,227,118.58	0	7,378,400	7,523,928	7,674,407	7,827,895	7,984,453	8,144,142	8,307,024	8,473,165	8,642,628	8,815,481	8,991,790	9,171,626	9,355,059	9,542,160	9,733,003	9,927,663	10,126,216	10,328,741	10,535,316	10,746,022
ATI profit, €	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Profit/Partners, €	179,227,118.58	0	0,7378,400	0,7523,928	0,7674,407	0,7827,895	0,7984,453	0,8144,142	0,8307,024	0,8473,165	0,8642,628	0,8815,481	0,8991,790	0,9171,626	0,9355,059	0,9542,160	0,9733,003	0,9927,663	10,126,216	10,328,741	10,535,316	10,746,022
Operational Flow	-1,018,000	-1,018,000	7,378,400	7,523,928	7,674,407	7,827,895	7,984,453	8,144,142	8,307,024	8,473,165	8,642,628	8,815,481	8,991,790	9,171,626	9,355,059	9,542,160	9,733,003	9,927,663	10,126,216	10,328,741	10,535,316	10,746,022
Cumulative Operating Flow	-1,018,000.00	-1,018,000	6,358,400	13,882,328	21,556,735	29,384,629	37,369,082	45,513,223	53,820,248	62,293,413	70,936,041	79,751,522	88,743,312	97,914,039	107,269,997	116,812,157	126,545,161	136,472,824	146,599,040	156,927,781	167,463,097	178,209,119
NPV Management	83,745,824.38	0	6,830,000	6,450,556	6,092,191	5,753,736	5,434,084	5,122,131	4,847,069	4,583,273	4,323,466	4,083,273	3,856,425	3,642,179	3,439,836	3,248,734	3,068,249	2,897,790	2,736,802	2,584,757	2,441,160	2,305,540

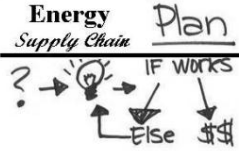
726.597%		1,018,000.00		
	NPV	NPV	Over	NPV/Eurot
15%	51,589,872.23	5097,197.2		2579494
14%	54,923,957.92	5380569		2741193
13%	58,410,786.07	57392766		2920538
12%	62,401,145.62	61383146		3120057
11%	66,854,127.69	65839128		3342706
10%	71,839,071.99	70821072		3591954
9%	77,437,561.43	76419561		3871878
8%	83,745,824.38	82727824		4167291
7%	90,877,684.05	89859684		4543884
6%	98,968,158.93 5%	97950159		4948408
108	77,869.92	107158870		5408893
4%	8,658,449.17	117680449		5934022
3%	30,759,196.58 2%	129741197		6537960
144	35,294.12 1%	143611724		7231765
100	57,971.04	158639971		8032899
0%	79,227,118.58	172609119		8961356

Loan duration (years)	20																					
Annual rate	-6.35%																					
Initial debt	0																					
Draft	814,400	814,400	814,400	789,770	763,909	736,755	708,244	678,306	646,872	613,866	579,210	542,821	504,612	464,493	422,368	378,137	331,694	282,929	231,726	177,963	121,512	62,238
Interest		-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350	-65,350
Interest	-492,591	-40,720	-39,489	-38,195	-36,838	-35,412	-33,915	-32,344	-30,693	-28,960	-27,141	-25,231	-23,225	-21,118	-18,907	-16,585	-14,146	-11,586	-8,898	-6,076	-3,112	
Capital share	-814,400	-24,630	-25,861	-27,154	-28,512	-29,937	-31,434	-33,006	-34,656	-36,389	-38,209	-40,119	-42,125	-44,231	-46,443	-48,765	-51,203	-53,763	-56,451	-59,274	-62,238	
Final debt		814,400	789,770	763,909	736,755	708,244	678,306	646,872	613,866	579,210	542,821	504,612	464,493	422,368	378,137	331,694	282,929	231,726	177,963	121,512	62,238	0
Management delta per investor	177,920.127	0	7,311.050	7,458.578	7,609.057	7,762.545	7,919.103	8,078.792	8,241.675	8,407.815	8,577.279	8,750.131	8,926.441	9,106.277	9,289.709	9,476.810	9,667.654	9,862.314	10,060.867	10,263.391	10,469.966	10,680.672
Investor flow	177,716.527	-203.600	7,311.050	7,458.578	7,609.057	7,762.545	7,919.103	8,078.792	8,241.675	8,407.815	8,577.279	8,750.131	8,926.441	9,106.277	9,289.709	9,476.810	9,667.654	9,862.314	10,060.867	10,263.391	10,469.966	10,680.672
Cumulative Investor Flow	-203.600	7,107.450	14,566.029	22,175.086	29,937.631	37,656.734	45,335.628	52,977.201	62,585.016	71,162.295	79,912.426	88,838.867	97,945.144	107,234.853	116,711.614	126,370.317	136,241.631	146,302.498	156,565.889	167,035.855	177,716.527	



# Energy Supply-Chain Plan Srl

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## Energy Supply-Chain Plan Srl

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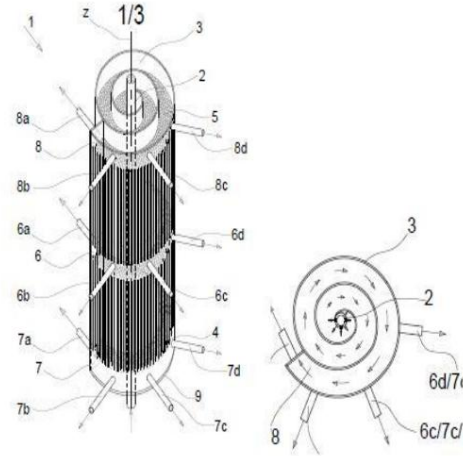


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NPV(8%,20y) €k	58.016
CapEx €k	1,932
OpEx k€/y	4,720
Built k€/yr	9,830
	140

**Project:** GFSS™ – System for separating fluids (mixtures or solutions, liquid or aeriform, homogeneous or not);

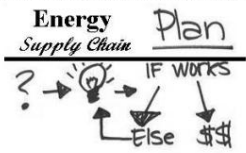
**Objective:** New method to separate components of mixtures or solutions, on gravimetric, electric, magnetic bases and their combinations; allowing high quality resolutions;

**Target:** Chemical and pharmaceutical industry, construction and urban planning companies, purification sectors, scientific and sequencing sectors



**GFSS – General Field Spiral Separation**, consists of an effective and economical separation system for fluid solutions and mixtures of liquids or gases.

GFSS is made up of an innovative assembly of elementary products, widespread in the industrial field and known to common workers. The main products used are a set of linear and coplanar ducts, laid on a surface, contained in the space delimited by parallel surfaces (in materials compatible with the substrates): this surface is then arranged according to a spiral (circular, elliptical or other geometry, as well as regular or irregular polygonal). The two or more panels are separated by empty spacers suitable for obtaining specific flows of the components to be separated. All contained in a suitable container. The entire artifact will be immersed with the axis aligned to the gravitational, electric or magnetic field, according to the specific volumetric densities for mass, electric charge and magnetic properties.



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Lavender Dr. Vitus		GFSS extension	General Field Spiral Separation
		separator	year 2022
			9 units
			270 Units/year

BALANCE SHEET			
Investment		1,932,000 euros	
1	MGMT Internal €	315,000 euros	
2	Vendor Hard €	514,500 euros	
3	Vendor Soft €	367,500 euros	
4	HR €	735,000 euros	
5	others €	0 euros	

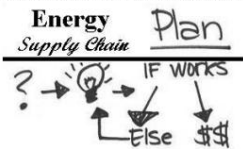
INCOME ACCOUNT			
		270 units/year	€/u
Revenue		9,830,100 Euros/year	36,408
1	Material Resources €/y	44,100 Euros/year	
2	Human Resources €/y	147,000 Euros/year	
3	Tanks €/y	5,103,000 Euros/year	
4	Assembly €/y	2,835,000 Euros/year	
5	Testing €/y	1,701,000 Euros/year	
6	Inputs 6 €/year	0 Euros/year	
7	Inputs 7 €/year	0 Euros/year	
costs		4,720,000 Euros/year	17,481
1	Material Resources €/y	30,000 Euros/year	
2	Human Resources €/y	100,000 Euros/year	
3	Tanks €/y	2,430,000 Euros/year	
4	Assembly €/y	1,350,000 Euros/year	
5	Testing €/y	810,000 Euros/year	
6	Output 6 €/yr	0 Euros/year	
Gross profit		5,110,100 Euros/year	

Economic-financial plan		
1 Project	1,932,000 euros	
2 Equity share	20%	
3 Equities	386,400 euros	
4 Financing	1,545,600 euros	
5 Project revenues	9,830,100 Euros/year	
6 Costs	-4,720,000 Euros/year	
7 Loan installment	-64,371 Euros/year	
8 Cash surplus	5,045,729 Euros/year	
9 PBP (Pay Back Period), years	0.38	0.08 PBP on Equity
10 NPV (8%, 20y)	19,079,638 euros	

**Project:** GFSS™ – System for separating fluids (mixtures or solutions, liquid or gaseous, homogeneous or not);  
**Objective:** New method to separate components of mixtures or solutions, on gravimetric, electric, magnetic bases and their combinations; allowing high quality resolutions;  
**Target:** Chemical and pharmaceutical industry, construction and urban planning companies, purification sectors, scientific and sequencing sectors

**GFSS – General Field Spiral Separation**, consists of an effective and economical separation system for fluid solutions and mixtures of liquids or gases. GFSS is made up of an innovative assembly of elementary products, widespread in the industrial field and known to common workers. The main products used are a set of linear and coplanar ducts, laid on a surface, contained in the space delimited by parallel surfaces (in materials compatible with the substrates): this surface is then arranged according to a spiral (circular, elliptical or other geometry, as well as regular or irregular polygonal). The two or more panels are separated by empty spacers suitable for obtaining specific flows of the components to be separated. All contained in a suitable container. The entire artifact will be immersed with the axis aligned to the gravitational, electric or magnetic field, according to the specific volumetric densities for mass, electric charge and magnetic properties.





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CAPEX €	1,932,000	Built €/y	9,830,100	€/unit	214,667	Exercise	Price €/u	36,408
OpEX €/y	4,720,000	NO extension	264.50%	€/unit	138,889		Cost €/u	17,481

GFS extension

Vendor List			Partner			REVENUES	provision	PRICE
cost €	k	price €	cost €	k	price €	NET €	%	CUSTOMER €

CapEX -	9.00							5%	
Management Internal-Direct unit €	80,000	1.00	80,000	80,000	2.00	160,000	80,000	8,000	168,000
Management Others €	40,000	1.00	40,000	40,000	2.00	80,000	40,000	4,000	84,000
Advisor Fin.	30,000 0	1.00	30,000 0	30,000 0	2.00	60,000 0	30,000 0	3,000	63,000
€Other €4		1.00			2.00			0	0
Others €5		1.00			2.00				0 315,000
Vendor Hard €	0 350,000	1.00	0 350,000	0 350,000	1.40	0 490,000	0 140,000	0 24,500	514,500
Vendor Soft €	250,000	1.00	250,000	250,000	1.40	350,000	100,000	17,500	367,500
HR €	500,000	1.00	500,000	500,000	1.40	700,000	200,000	35,000	735,000
Vendor €4		1.00			1.40				0
Vendors €5	0 0	1.00	0 0	0 0	1.40	0 0	0 0	0 0	0
Vendors €6	0	1.00	0	0	1.40	0	0	0	0 1,617,000
	1,250,000		1,250,000	1,250,000		1,840,000	590,000	92,000	1,932,000
OpEX unit	270							0%	
Material Resources €/y	30,000	1.00	30,000	30,000	1.00	30,000	0	0	30,000
Human Resources €/y	100,000	1.00	100,000	100,000	1.00	100,000	0	0	100,000
Tanks €/y	2,430,000	1.00	2,430,000	2,430,000	1.00	2,430,000	0	0	2,430,000
Assembly €/y	1,350,000	1.00	1,350,000	1,350,000	1.00	1,350,000	0	0	1,350,000
Testing €/y	810,000 0	1.00	810,000 0	810,000 0	1.00	810,000 0	0	0	810,000
Output 6 €/yr		1.00			1.00		0	0	0
	4,720,000		4,720,000	4,720,000		4,720,000	0	0	4,720,000
Built unit	270							5%	
Material Resources €/y	30,000	1.00	30,000	30,000	1.40	42,000	12,000	2,100	44,100
Human Resources €/y	100,000	1.00	100,000	100,000	1.40	140,000	40,000	7,000	147,000 191,100
Tanks €/y	2,430,000	1.00	2,430,000	2,430,000	2.00	4,860,000	2,430,000	243,000	5,103,000
Assembly €/y	1,350,000	1.00	1,350,000	1,350,000	2.00	2,700,000	1,350,000	135,000	2,835,000
Testing €/y	810,000	1.00	810,000	810,000	2.00	1,620,000 0	810,000	81,000	1,701,000
Inputs 6 €/year		1.00			1.00	0			0
Inputs 7 €/year	0 0	1.00	0 0	0 0	1.00		0 0	0 0	0 1,639,000
	4,720,000		4,720,000	4,720,000		9,362,000	4,642,000	468,100	9,830,100

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