Solar Photovoltaic 3.0 Corporate presentation











Disclaimer	About Mega Group	Business Model	Priority markets
Know-how	Recent joint-ventures	Fact & Figures	R&D roadmap

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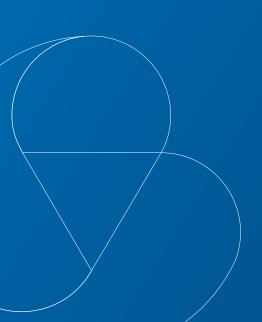
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MegaGroup at a glance

The Founder

- Traverso's milestones in PV
- Traverso's experience across the photovoltaic supply chain
- Traverso's Business Network

The Founder - Solar business

- Gridco Silfab structure
- Examples of Traverso's PV power plants owned through Silfab
- Mega Group Structure





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MegaGroup at a glance

MegaGroup is an holding company founded by Franco Traverso, a pioneer in the Italian photovoltaic industry, since 1981.



Mission

Providing turn-key solutions of solar energy production and water desalination, as well as setting up locally and integrated manufacturing industries producing innovative and high efficiency photovoltaic products and components.

Vision

Allowing all the emerging Countries to have full access to primary goods as energy and water, at competitive costs.



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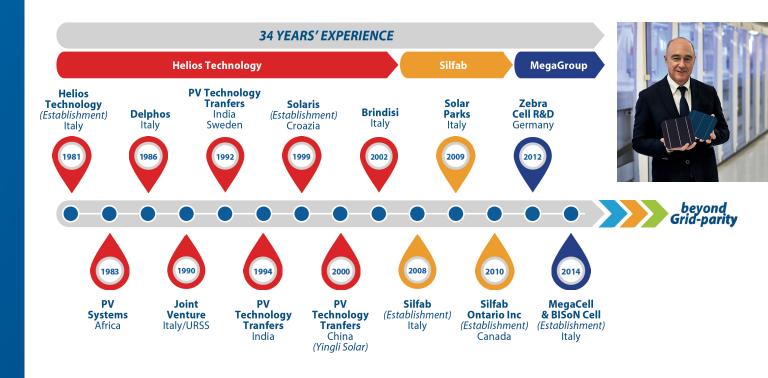
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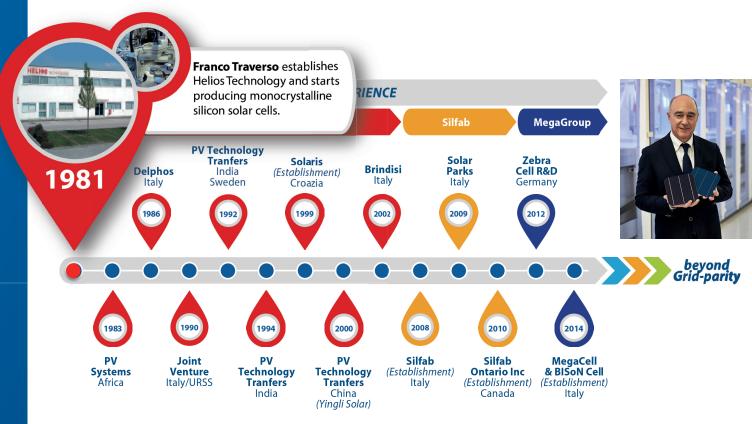
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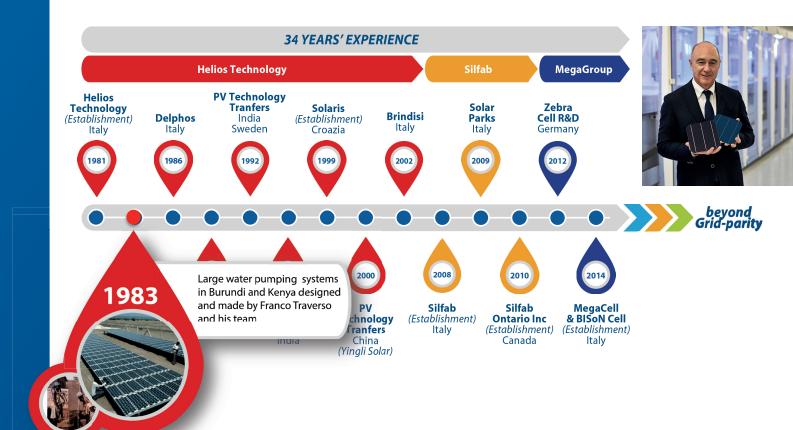
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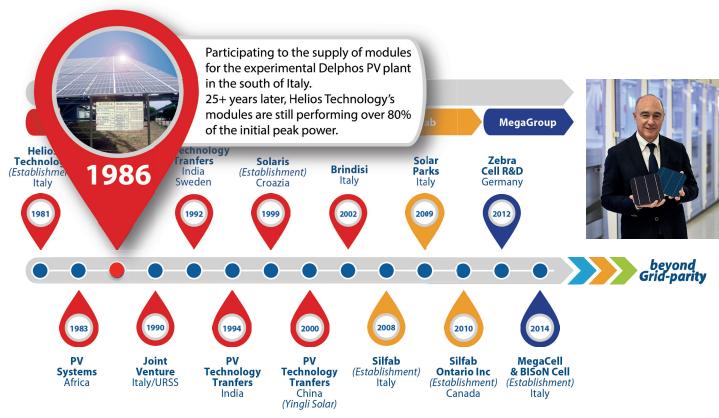
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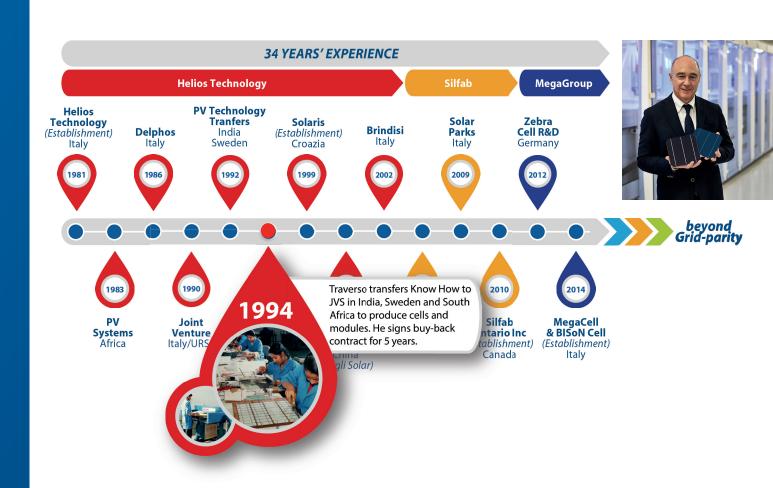
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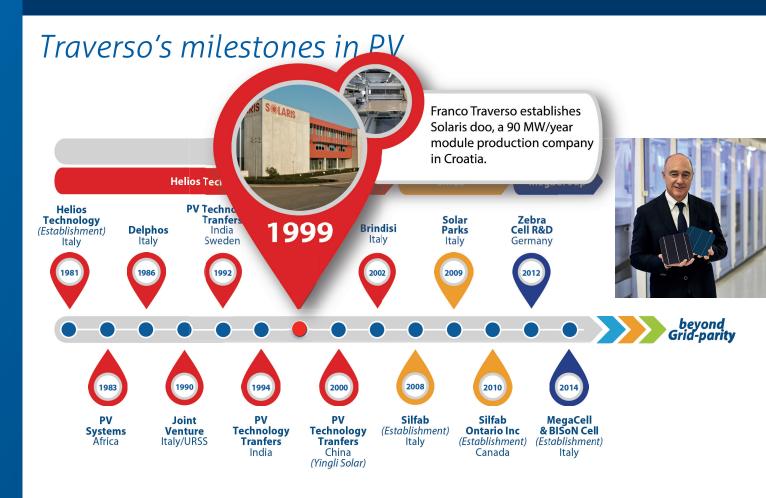
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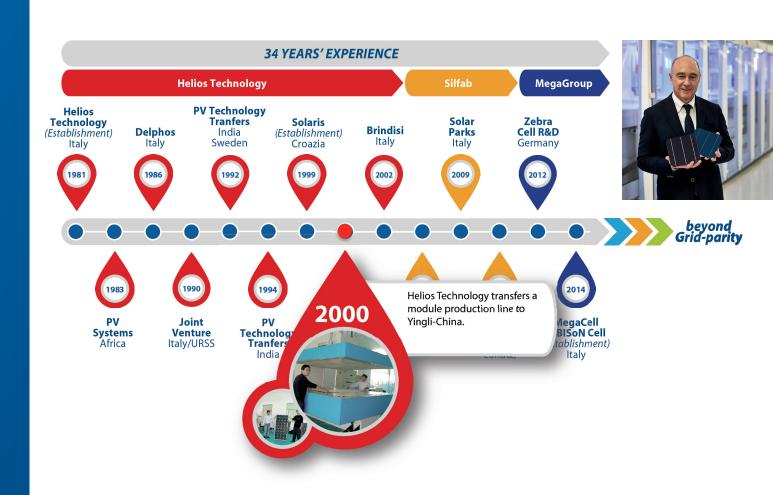
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Disclaimer

Fact & Figures

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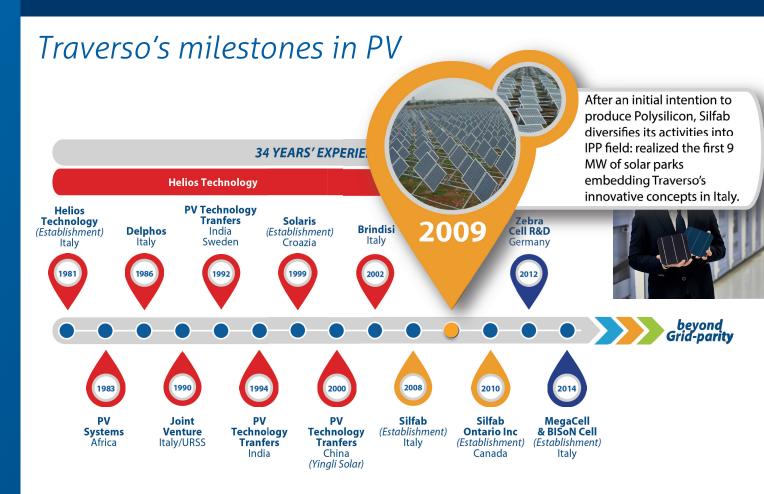
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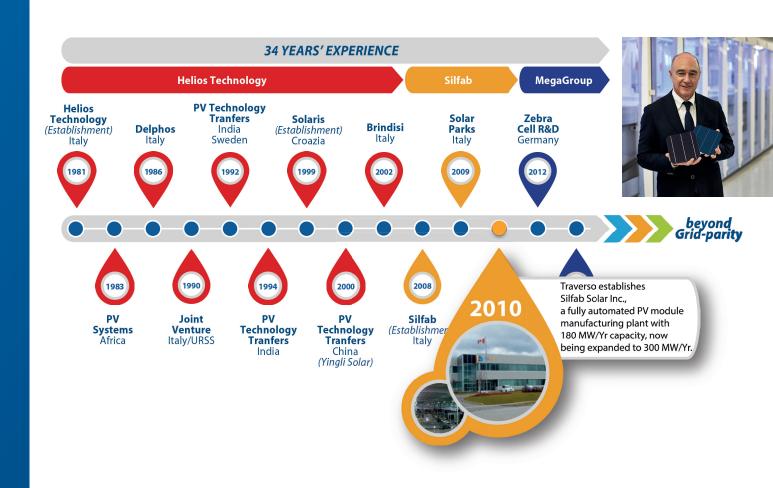
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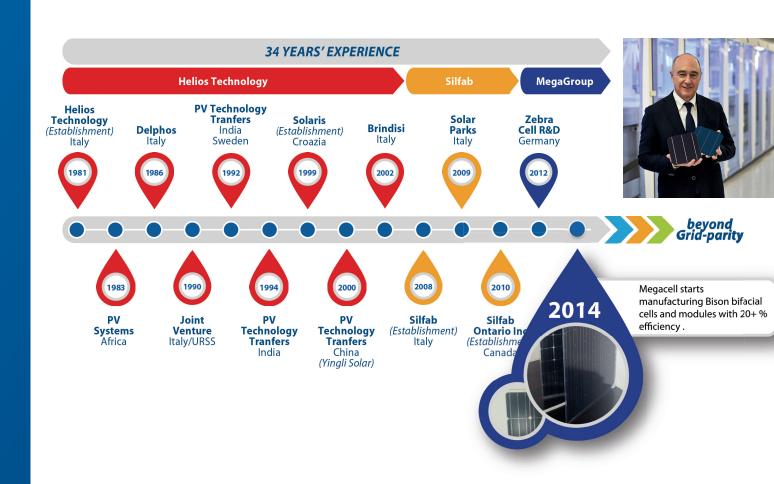
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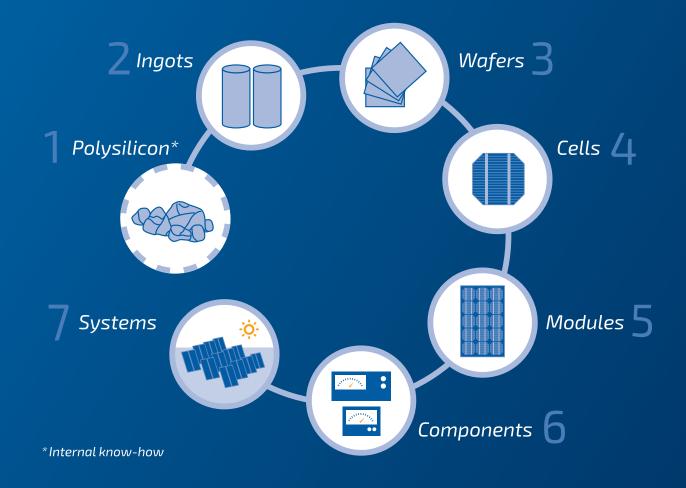
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The Founder

Traverso's experience across the PV supply chain



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MegaCell [™]	Mega Congineering	MegaCivic Super south intention

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The Founder

Traverso's Business Network

Franco Traverso is an entrepreneur with a business portfolio which covers several sectors like:

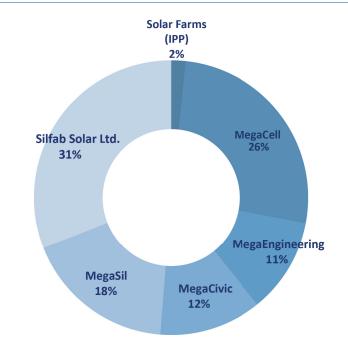
 Solar Photovoltaic (Vertical Production)







- 2. Plastic textiles
- **3. Food Industry** (Italian Gelato & Pastries)
- **4. Fashion Design** (Luxury Sportswear for Women)
- 5. Real Estate & Tourism
- **6. ICT Information Communication Technology**(Products/Services for energy recharging of smart phones)



Exp. Solar Business turnover at 2017: > 495 Mil. Euro



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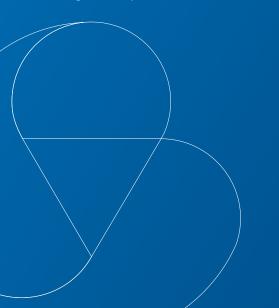
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The Founder - Solar Business

Gridco - Silfab structure

Silfab Group was established in 2007

and incorporated in GridCo Srl, an holding with a capitalization of € 84 million, and having Franco Traverso as a majority shareholder with a 60% stake.

Silfab's business includes IPP activity in Italy producing green energy by solar farms, and Silfab Solar Inc. (incorporated in 2010 in Ontario - Canada, has a production capacity of 300 MW/Yr.

GRIDCO S.r.l. (Italy) 60%



Silfab Solar Inc. (Canada) 100%

300 MW / yr Photovoltaic Modules production for Canada and USA markets Solar Farms SPVs (Italy)
100%

IPP with a nominal power capacity of about 16MWp







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The Founder - Solar Business

Examples of Traverso's PV power plants owned through Silfab

Losacco Power PV plant

Nominal power: 998,8 KW

Installed on: 2010 Place: Bari (Italy)



Geko Energia PV plant

Nominal power: 998,8 KW

Installed on: 2010 Place: Bari (Italy)



Tot. Peak Power connected and running: > 16 MWp







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The Founder - Solar Business

Mega Group Structure



MegaCell S.r.L. (Italy) 100%

MegaEngineering s.r.t. (Italy) 100%

MegaCivic S.r.l. (Italy) 100%

MegaSil s.r.l. (Italy) 100%

Participations in Manufacturing JVs

• 80 MW/yr BiSoN solar Cell production • R&D

Training Center

TURN KEY Manufacturing plants & Solar Farms), Technology Transfers & licensing

Provider of turn key SSD (Smart Solar Desalination) Systems for emerging countries

400 MW/yr solar mono and multi-crystalline silicon ingots and wafers

• Misr MegaCell Egypt (20%) Others









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Sales strategy

Solar business: innovative products *BISON / ViPER - Bi-facial solar cells*

Innovative solar product: BISoN

- Bi-facial Multi-crystalline solar cells and modules
- Strenghts and lower LCOE
- Installation mode

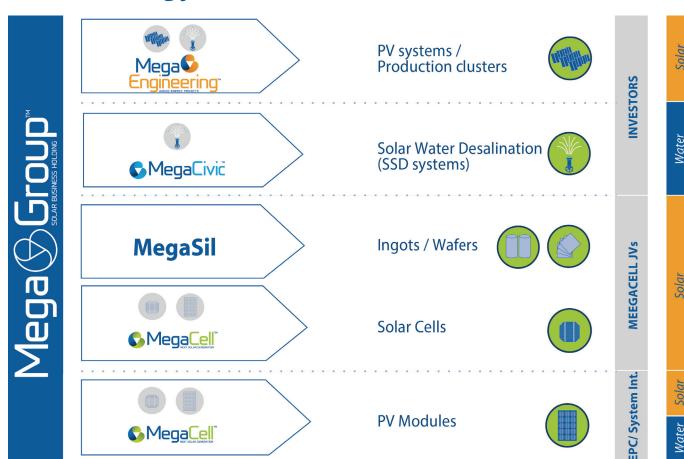
Water business: Smart Solar Desalination

• SSD systems by MegaCivic

Other solar applications: Smart Town
Smart Grid applications

Business Model

Sales strategy



Strategic control of the Up-stream Value Chain as strategic approach of Mega Group



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Solar business: innovative products

BISON / ViPER - Bi-facial solar cells







Mono-crystalline
Bi-facial solar cell
(20,4+ % front-side Cell Efficiency = 25,5+ % of Total Cell Efficiency)



Multi-crystalline
Bi-facial solar cell
(18,5+ % front-side Cell Efficiency =
23,1+ % of Total Cell Efficiency)



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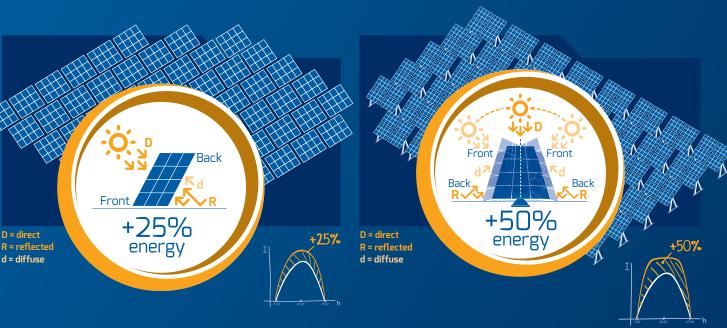
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Other solar applications: Smart Town Smart Grid applications

Innovative solar product: BISoN

Bi-facial Multi-crystalline solar cells and modules







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Other solar applications: Smart Town
Smart Grid applications

Innovative solar product: BISoN

Strenghts and lower LCOE

BISoN glass/glass modules made by MegaCell will have a tipical lifetime of over 50 years, LID free as well as PID free, and over 25+ % of energy production when compared with standard monofacial modules and over 50+ % of energy production when installed on sun tracked system). This will allow to reach a much lower LCOE (Levelized Cost of Energy), competitive with the Grid





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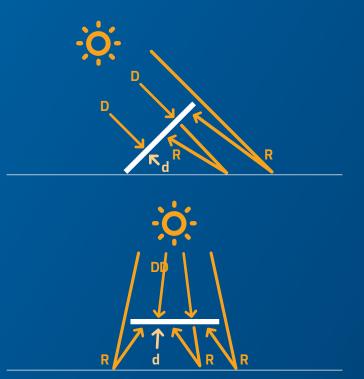
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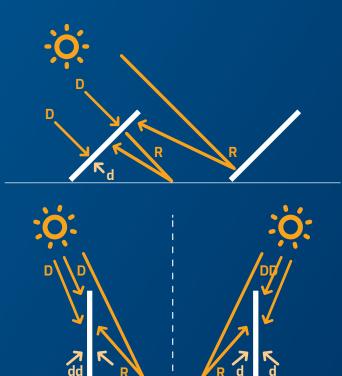
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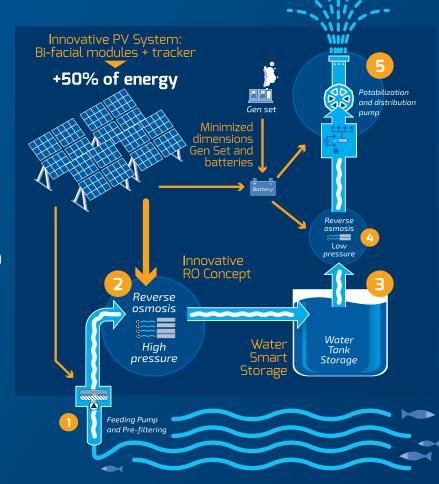
Water business: Smart Solar Desalination

SSD systems by MegaCivic

MegaCivic has the purpose to promote innovative solar powered water desalination systems named: SSD (Smart Solar Desalination System) SSD is equipped with Bi-facial high-efficiency PV modules.

SSD is designed to provide about 1.100 m3/day of potable water, for domestic consumption and agricolture irrigation, particularly for emerging Countries.







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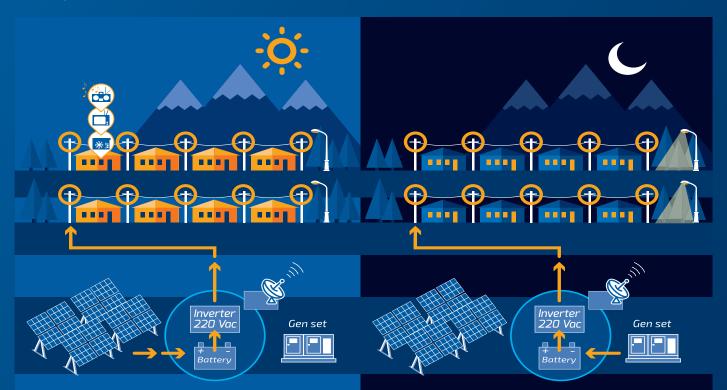
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other solar applications: Smart Town
Smart Grid applications

Other solar applications: Smart Town

Smart Grid applications

The Smart Town system is specially designed for the emerging countries and able to feed hundreds or thousands of homes with an innovative hybrid photovoltaic system, capable to providing 24/7 electric power at a running cost close to zero. Furthermore, the Smart Town system can be equiped with SSD (Smart Solar Desalination System) in order to provide potable water to the town.





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Priority markets







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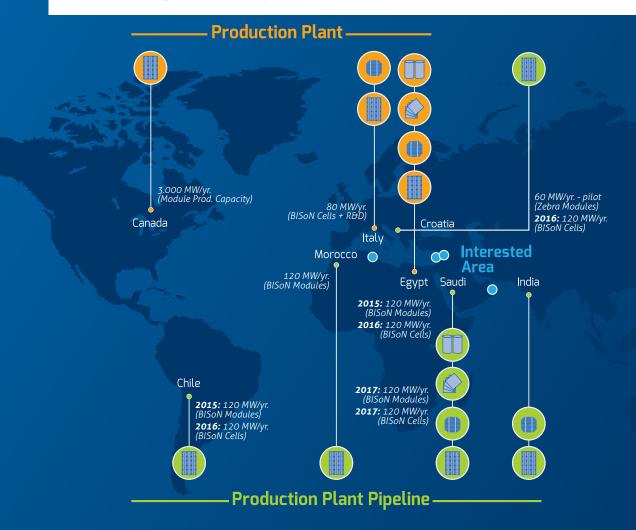
Know-how

Technology transfer

- Turn-key PV Bi-facial Production lines
- Track records
- Business Start-up owned by Traverso

Technology transfer

Turn-key PV Bi-facial Production lines





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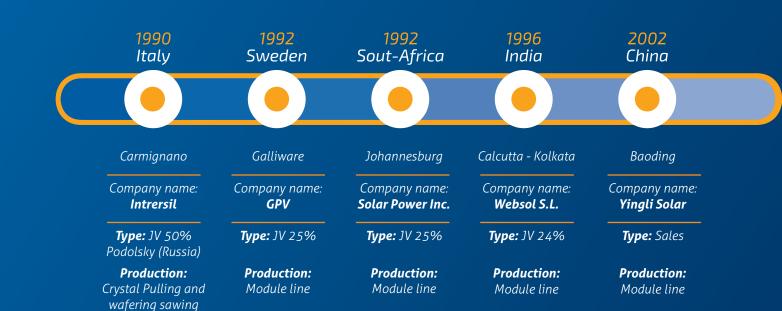
Technology transfer

Track records

Capacity: 30 MW/yr

100 % buy back

Capacity: 8 MW/yr



Capacity: 12 MW/yr

Capacity: 20 MW/yr

5 years buy back

Capacity: 30 MW/yr





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Technology transfer

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2000 Croatia

2010 Canada





Silfab Ontario: installation of Utility Scale - Large FIT

Novigrad

Company name: Solaris d.o.o

Type: JV 80%

Production: Module line

buy back

Toronto

Company name: Silfab Ontario

> **Type:** 100% Subsidiary

Production: Module line

Capacity: 90 MW/yr Capacity: 300 MW/yr





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Recent joint-ventures

Joint-Venture in Egypt

PV Bi-facial Cells and Modules production

Press Release • 25 November 2014

MegaCell and **Misr Asset Management** jointly announce the common intent to build a 120MW/year production plant of bi-facial high efficiency solar cells and modules in Egypt within 2015.

ROMA, Italy, Nov. 25, 2014 - MegaCell the leading Italian photovoltaic manufacturer, owned by Mega Group, and Misr Asset Management, the Cairo-based Investment Bank which provides fund management, investment advisory, portfolio management and private equity services and is owned by Egypt's leading insurer Misr Insurance Holding Company announce together the signature of a Memorandum of Understanding for the construction of a 120MW/Year production plant of bi-facial high efficiency solar cells and modules in Egypt within 2015.







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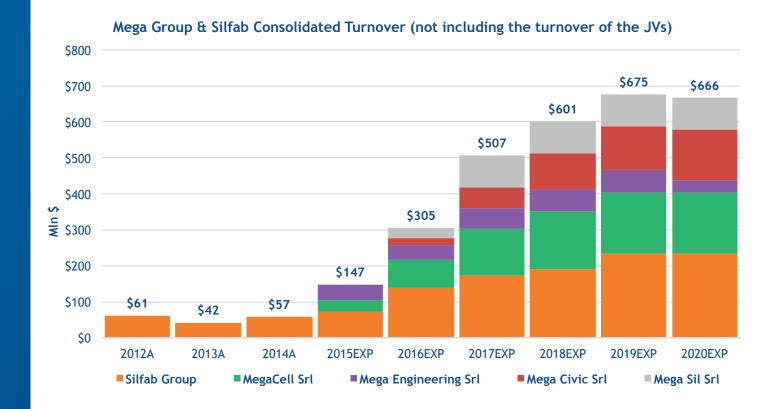
Fact & Figures

Key Financial Figures

Production Capacity roadmap

Key Financial Figures

Forecast in Mio USD



Source: internal elaboration on actual figures and Previsional Business Plan, 2015



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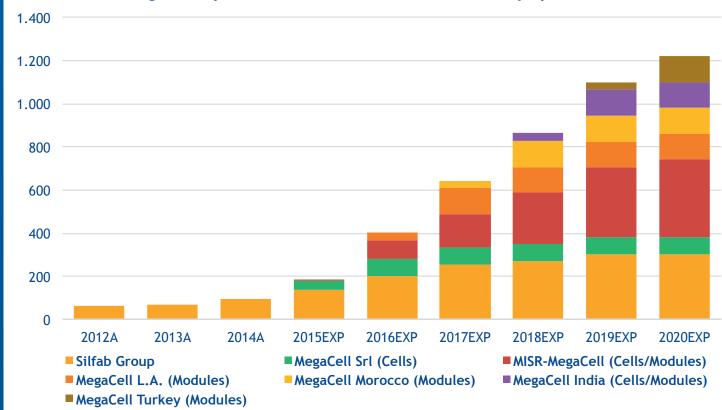
Key Financial Figures

Production Capacity roadmap

Production Capacity roadmap

Till 2020



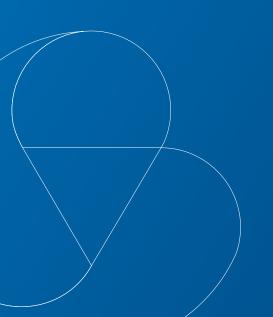


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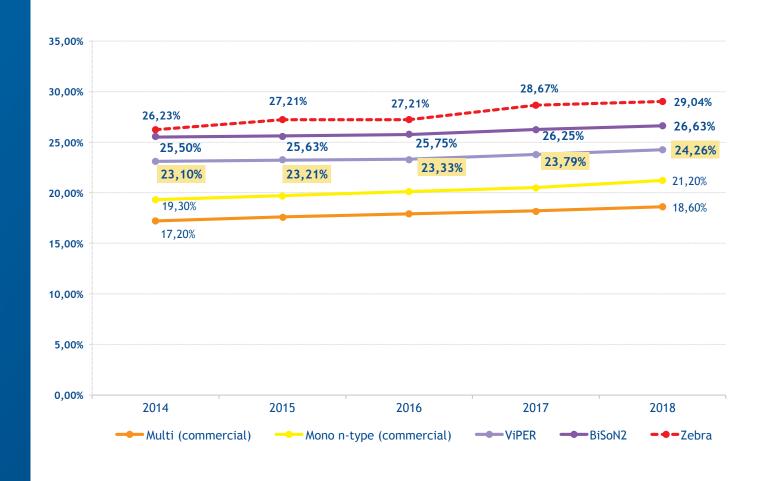
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R&D roadmap



Cells efficiency roadmap

Expected at 2020



Thank you

Contact us at

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