



European
Commission

Dyemond Solar

Power your electronics with light

EXEGER



Exeger in Stockholm, Sweden, screen-print environmentally friendly solar cells for use on consumer electronics.

OUR STORY

We developed a printable indoor solar cell and integrated it into consumer products like tablets and wireless headphones, recharging them with light. We founded Exeger in 2009 and support from the LIFE programme greatly helped scale up our operations. Our company now employs 75 people and is growing rapidly.



Solar energy



High technology



Climate action

Larger with Life

From 2010–2015, the EU LIFE Programme invested €1.7 million in the €3.5 million Dyemond Solar project to roll out a new generation of light, flexible and environmentally friendly solar cells that use dyes instead of crystals to harness energy from ambient light. The facility has demonstrated that these solar cells can prove economically viable to power consumer goods, paving the way for their production on an unprecedented scale and supporting EU reductions in greenhouse gas emissions.

EU added value

- Clean energy for consumer products
- Created 75 jobs in technology
- Innovative edge for EU industry

Prospects

- Engage renewable energy consumers
- Cut CO₂ emissions from electronics
- Disrupt consumer electronics markets

Achievements

- Built the largest factory for dye-sensitized solar cell in the world - up to **40 million units** a year
- Demonstrated the scalability and economics of **screen printing** third-generation solar cells
- Eliminated **toxic emissions**, keeping manufacturing operations based in central Stockholm
- Entered talks with the world's largest **consumer electronics manufacturers**
- Claimed the **Green Award** for the best LIFE project on climate action in 25 years

Policy support

- Boost the share of **renewables** in the EU energy mix in line with the climate and energy package
- Drive the uptake of **solar** to meet the latest targets of the EU Renewable Energy Directive
- Support a modern **clean economy** driven by the new industrial policy strategy in Europe

Contact

www.dyemondsolar.com

E-mail: alexandre.askmo@exeger.com

Environment
& Climate
Action



LIFE supporting companies



The **LIFE Programme** has financed green innovation and clean tech solutions since its start in 1992. One of today's key priorities for LIFE is to support close-to-market projects delivering innovative environmental solutions, ensuring that they are sustainable and capable of being widely taken up by society in general, and the economy in particular.

The **Close-to-market initiative's** aim is to help and assist the LIFE projects with market potential to develop towards successfully maintaining project results via commercialisation and upscaling of the proposed innovative solutions.

How can LIFE support beneficiaries with close-to-market activities?

- Expert review of the close-to-market stage of your project and assessment of the close-to-market potential.
- Help with determining milestones and action points based on project readiness and assisting you with their progress during your project's whole lifecycle.
- Flexibility to use the LIFE project budget to get the necessary expertise including market analysis, detailed business plan preparation, coaching etc.
- Linking you with a network of advisers including the Enterprise Europe Network, coaches and accelerators.
- Assistance with financing and contacts with the investor community through events, introducing you to the SME Instrument and the European Investment Bank Group.
- Networking opportunities through LIFE platforms in order to build business partnerships with other key players.
- Gaining additional publicity for your innovative green solutions through the Innovation Radar platform and via dedicated handouts promoting close-to-market activities of LIFE.

“LIFE can help you to sustain and thrive even after the end of the LIFE project.”

LEARN MORE

 ec.europa.eu/life  [LIFE programme](#)
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HOW TO APPLY FOR LIFE FUNDING

The European Commission organises annual calls for proposals.
Full details are available at <http://ec.europa.eu/environment/life/funding/life.htm>
<https://ec.europa.eu/easme/en/your-close-market-proposals-tips-applying>

CONTACT

European Commission – Directorate-General for the Environment – B-1049 Brussels (env-life@ec.europa.eu)
European Commission – Directorate-General for Climate Action – B-1049 Brussels (clima-life@ec.europa.eu)
European Commission – Executive Agency for Small and Medium-sized Enterprises (EASME) – B-1049 Brussels (EASME-LIFE-ENQUIRIES@ec.europa.eu)

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