



# Technology Fund

GUARANTEES FOR INNOVATIVE CLIMATE PROTECTION

## Circular Letter

November 19, 2015

### The Technology Fund of the Swiss Confederation grants the fourth loan guarantee to Explosion Power GmbH

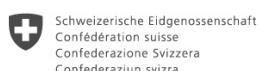
The managing company of the Swiss Technology Fund announces that the Federal Office for the Environment, FOEN granted another loan guarantee to an innovative Swiss SME: Explosion Power GmbH, based in Waltenschwil.

Explosion Power GmbH develops Shock Pulse Generators (SPG) that allow fully automatic online cleaning of power plant boilers operating with different fuels. The technology replaces conventional soot blowers that are less efficient and more energy-consuming. „We plan to penetrate the market of industrial boiler systems with our newly developed and stronger SPG twin-system. The available financial resources are required for pushing forward our production and distribution efficiently”, explains Paul Müller, CEO of Explosion Power GmbH.

Simone Riedel Riley, General Manager of the Technology fund adds: „Explosion Power offers SPG as a rental contract with a sellout option. This concept supports the company’s intention to enter the coal and biomass power plant market with a product that successfully reduces emissions. We are looking forward to have such an innovative company in our portfolio.”

Innovative SMEs, which are developing and marketing climate friendly technologies, can apply for a loan guarantee of up to CHF 3 million from the Technology Fund. The application form is available online at [www.technologyfund.ch](http://www.technologyfund.ch).

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#### FUND MANAGER



Technology Ventures

#### PARTNER OF FUND MANAGER





# Technology Fund

GUARANTEES FOR INNOVATIVE CLIMATE PROTECTION

## Technology Fund

The Technology Fund is an instrument of Swiss climate policy implemented by the Federal Office for the Environment, FOEN. The Fund grants loan guarantees to Swiss small and medium-sized enterprises (SME) which are developing and marketing innovative technologies to reduce greenhouse gas emissions, to use electrical energy more efficiently, to promote renewable energy or to protect the natural resources. [www.technologyfund.ch](http://www.technologyfund.ch) and [www.bafu.admin.ch/tech-fonds](http://www.bafu.admin.ch/tech-fonds)

## Explosion Power GmbH

Explosion Power GmbH develops, produces, markets and maintains Shock Pulse Generators (SPG). The online cleaning process of power plant boilers with SPG-systems represents considerable energetic improvement compared to the conventional baseline procedure with soot blowers. At present, about 200 Shock Pulse Generators are in operation in 15 different countries. The further development of the SPG-system to the stronger SPG twin-system allows a wider application, so that Explosion Power GmbH can exploit the whole coal and biomass power plant industries featuring significantly larger boilers.

[www.explosionpower.ch](http://www.explosionpower.ch)

## Emerald Technology Ventures

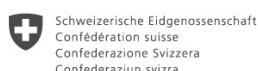
Emerald is a globally recognized investment firm in the areas of energy, water, advanced materials and industrial IT. Founded in 2000, the company has invested in more than 50 early-stage companies out of three venture capital funds, provides open innovation services to many multinational industrial corporations and has won mandates for three technology investment programs for third parties. From offices in Zurich, Switzerland and Toronto, Canada, Emerald has managed assets of over USD 660 million to date.

[www.emerald-ventures.com](http://www.emerald-ventures.com)

## South Pole Group

South Pole Group is a well-recognized sustainability solutions and service provider. The company specializes in the design and promotion of market mechanisms to fight climate change. Its expertise includes renewable energy, forestry, agriculture and water. The company's headquarter is located in Zurich/Switzerland, it runs 17 offices worldwide. South Pole Group has been awarded Best Project Developer by Environmental Finance in 2015 for the fifth consecutive year. [www.thesouthpolegroup.com](http://www.thesouthpolegroup.com)

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