A small, portable cold plasma device for the treatment of chronic and acute wounds.

**Fact Sheet**

**Project information**

**plasmaCare**

Grant agreement ID: 816023

Project website

Start date 1 July 2018

End date 31 October 2018

**Objective**

terraplasm GmbH has developed a small, portable and battery-operated device – plasma care – for the treatment of chronic and acute wounds. Besides ensuring a sufficient supply of oxygen, avoiding an infection is the most important criterion to enable fast and uncomplicated wound healing. Hard-to-heal wounds have a negative impact on patient wellbeing, are challenging for clinicians to manage and are costly to the health economy. plasmaCare incorporates its innovative cold plasma technology where plasma care will allow for a disruptive wound therapy that can save healthcare costs by facilitating early discharge from hospital, reducing wound dressing frequency (e.g. nursing time) and promote faster healing processes.

terraplasm’s ambition is to reach the European market in 2020 with the innovation project boosting their efforts to fulfil this strategy: results of clinical studies on plasmaCare and their dissemination through the European network of skin specialists will be crucial to gain traction among patients, and healthcare providers in order to achieve the new product acceptance among customers and ultimately, their trust.

Incorporated in Germany in 2011 and maintaining its core business in Europe with an annual balance sheet of ~ €1M and a staff headcount of 9, the company has evolved along the years from a pure R&D start-up.
into a commercial enterprise. The proposed work in Phase 1 of the SME instrument fits into the overall terraplasma plan to reach market by contributing the financial resources needed to plan a fast, sound and wider deployment of the plasmaCare solution and the market uptake. It will also allow the SME to accomplish key feasibility activities and reduce the business risks, such as business planning, customer identification and outreach, and stronger IP management strategy.

Field of Science

/medical and health sciences/health sciences/nursing

/social sciences/economics and business

/social sciences/economics and business/business and management/commerce

/social sciences/economics and business/economics/sustainable economy

Programme(s)

H2020-EU.3. - PRIORITY 'Societal challenges

H2020-EU.2.3. - INDUSTRIAL LEADERSHIP - Innovation In SMEs

H2020-EU.2.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies

Topic(s)

EIC-SMEInst-2018-2020 - SME instrument

Call for proposal

H2020-SMEInst-2018-2020-1

See other projects for this call

Funding Scheme

SME-1 - SME instrument phase 1

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Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)
EU Contribution
€ 50 000

Contact the organisation

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