



BRIMATECH

# The perspective of an ESA Technology Broker: Austria/Brimatech



**technology  
broker**

Austria

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## ESA Technology Broker Austria

# Introduction

Brimatech is a market research and consulting company specialised in technology markets.

- Brimatech is a private limited company with 8 employees
- Brimatech was founded in 2008 in Vienna
- Brimatech staff has more than 20 years of experience in Space (R&D projects, policy support projects with ESA, EC, GSA and national ministry and delegation)
- Brimatech has a broad national and international network
- Brimatech has a strong methodological competence



**technology  
broker**

Austria

# ESA Technology Broker Austria Key competences needed for Tech Transfer

- Know the national players and their competences
  - Space: regular exchange with all players, national directory
  - Non-Space (events, projects, networking)
- Do Business Development
- Act as a Network Hub – Link national and international players
- Participate in and organize events
- Be Visible – News Stories, Events, Trainingsessions



08.10.2020

### Putting Galileo in the driving seat for autonomous vehicles

Accurate positioning is vital for autonomous vehicles. Now, a new

sensor provide interna Deimos fostere Applica

## Austrian Space Sector

### Facts & Figures:

120 Space Organisations

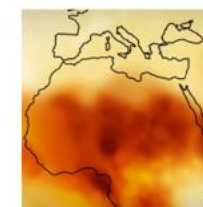
1.000 staff

125 Mio € turnover

Visit: <https://austria-in-space.at/en/organisations/>

### Satellite image processing gives sight to visually impaired

### Seeing again thanks to satellite image processing



Hundreds of visually impaired people in the UK are now able to see clearly again using augmented reality headsets, thanks to expertise gained through high performance processing of satellite imagery. The latest headsets from GiveVision were significantly enhanced thanks to an introduction to Austrian company Catalysts made through ESA's Space Solutions and Business Applications (ESA BASS) network.

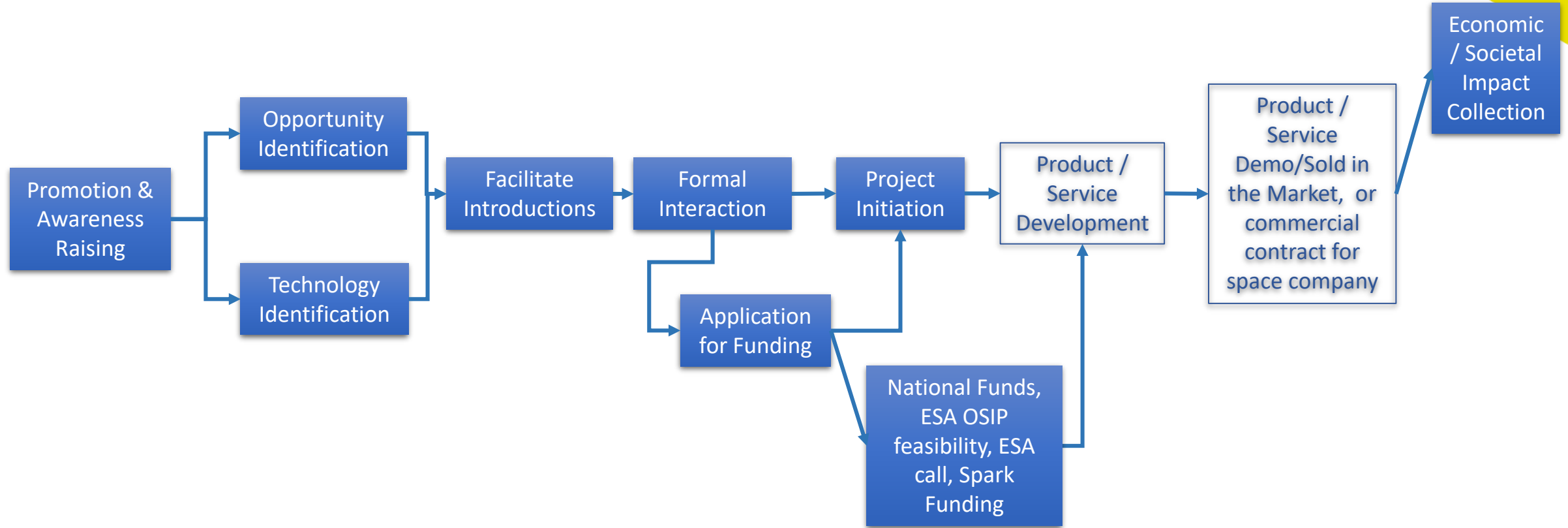


Feb. 2019 **ESA Technology Transfer Programme**

This technology transfer is the result of good collaborations and trustworthy relationships both at National, between RINA and SATE, and International level, between the Italian ESA TTP Broker RINA and our Austrian colleague BRIMATECH Services GmbH. Broker of the ESA TT Programme since its first steps, RINA supports its industrial partners in the Innovation Process. SATE - eMentalist Technology Transfe is a success case of our activities as ESA TTP Official Brokers...

[Weiterlesen im RINA \[ offline \]](#)

# ESA Technology Broker Austria Transfer Process



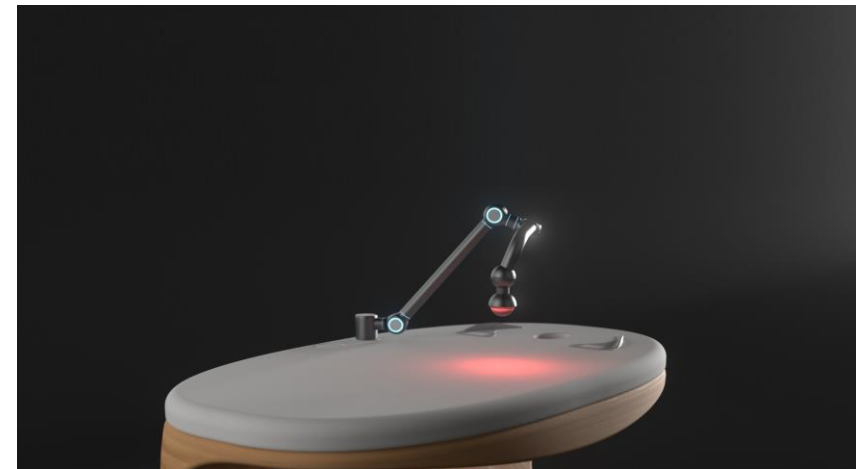
## TechTransfer Example

# Magnetic Gears developed for satellites enable safe massage robots

- Identification of the relevant IP from Austrian ESA contracts “Magnetic Gears for advanced actuators for pointing and deployment applications developed in ESA projects”
- Several meetings to understand the technology and identify potential applications areas on earth
- Dissemination of the technology in conferences and workshops
- Technology description published on ESA Space Solutions Website
- Support of an application for national funds to develop a massage robot
- Support of the application for ESA BIC



Magnetic wobbling gear

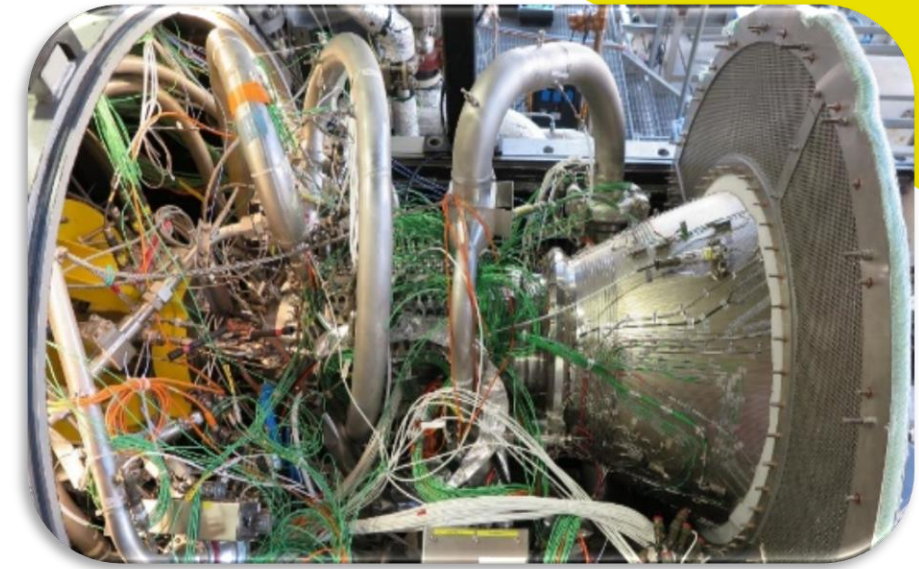


Massage robot concept  
© Andrej Glažar

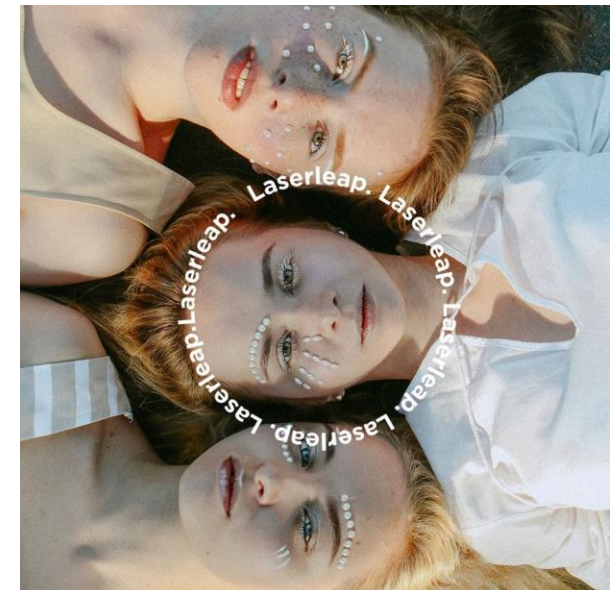
# TechTransfer Example

## Skin booster: from rockets to cosmetics

- High performance Laser for the ignition of rocket fuels in future launchers was developed by Silicon Austria Labs <https://silicon-austria-labs.com/> and
- sold to Portuguese LaserLeap S.A for next generation skin treatment devices <https://www.laserleap.com/>
- The space solution provides the ultimate robustness required for a mobile device & offers high power in a compact design



Laser Ignition technology from Austria, an ARIANE 6 engine demonstrator  
(Image credit: Ariane Group Holding)



LaserLeap novel mobile skin treatment

(Image credit: LaserLeap)



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