



Sector: FemTech. MedTech.

Product type: Medical device

Team members: 5

Project kick-off: 2020

Capital raised: 135.000€

Estimated runway: 18 months

## METRICS

- **TRL 5 reached:** 3 functional prototypes
- **2<sup>nd</sup> Clinical Study** by Jan 2026
- Consolidated **multidisciplinary team**
- **Go-to-market strategy defined**

## MEET THE TEAM



**Àngels Placeres Gago**

Nurse Case Manager Pit3D



**Toni Nadal Mir**

Head of 3D Laboratory Pit3D



**Paula Ferrer Raventós**

Innovation Manager Pit3D



**Miquel Àngel Seguí Palmer**

Principal Investigator Oncology  
Unit Parc Taulí Hospital



**Martin León Hermoso**

Head of Innovation Unit at I3PT

## CONTACT

Paula Ferrer Raventós, PhD

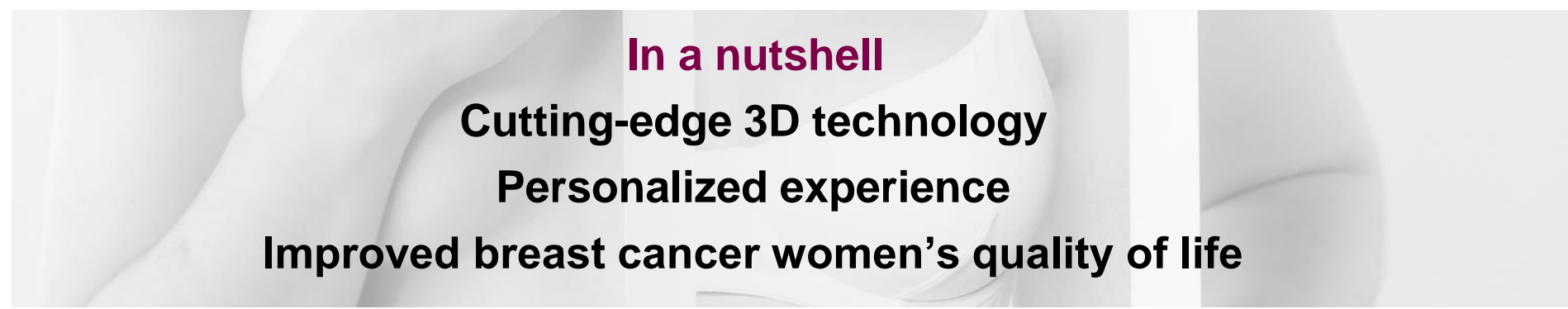
Innovation Project Manager



+34 659762409

[pferrerr@tauli.cat](mailto:pferrerr@tauli.cat)

# Personalized external breast prostheses with 3D printing



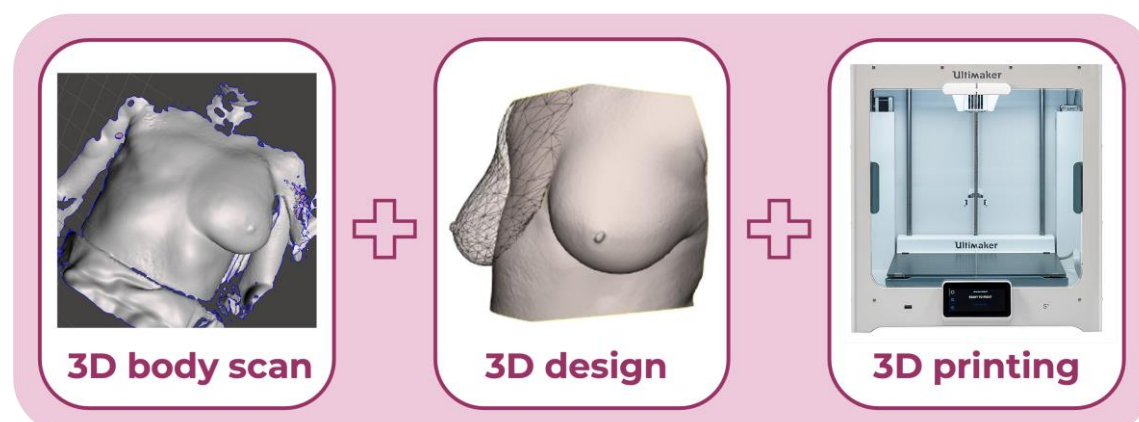
## Problem: significant discomfort for post-mastectomy women

- **2.3M** cases of breast cancer worldwide annually
- **1 in 8** women in Spain will suffer breast cancer through their life
- **30%** need a mastectomy
  - **69%** of mastectomized women experience depression
  - **2 years** waiting time for breast reconstruction
- **2 in 3** opt for External Breast Prostheses (EBPs)
- **40%** discomfort with current EBPs



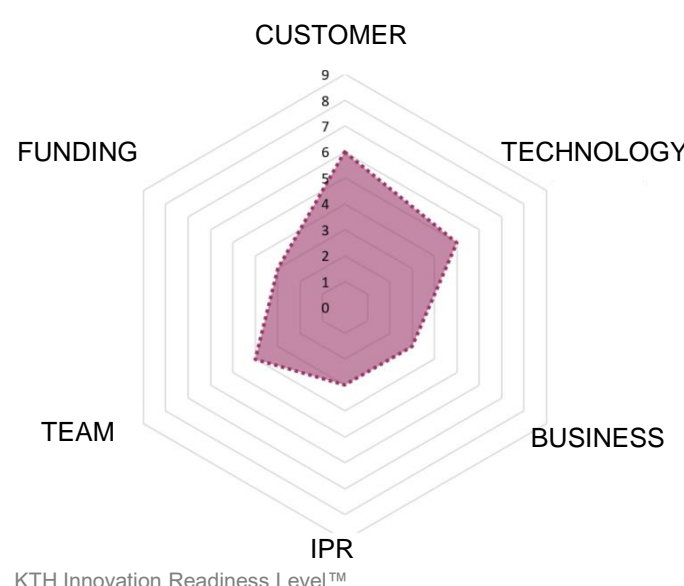
## Solution: Personalized EBPs

3D printed solution for breast prostheses users

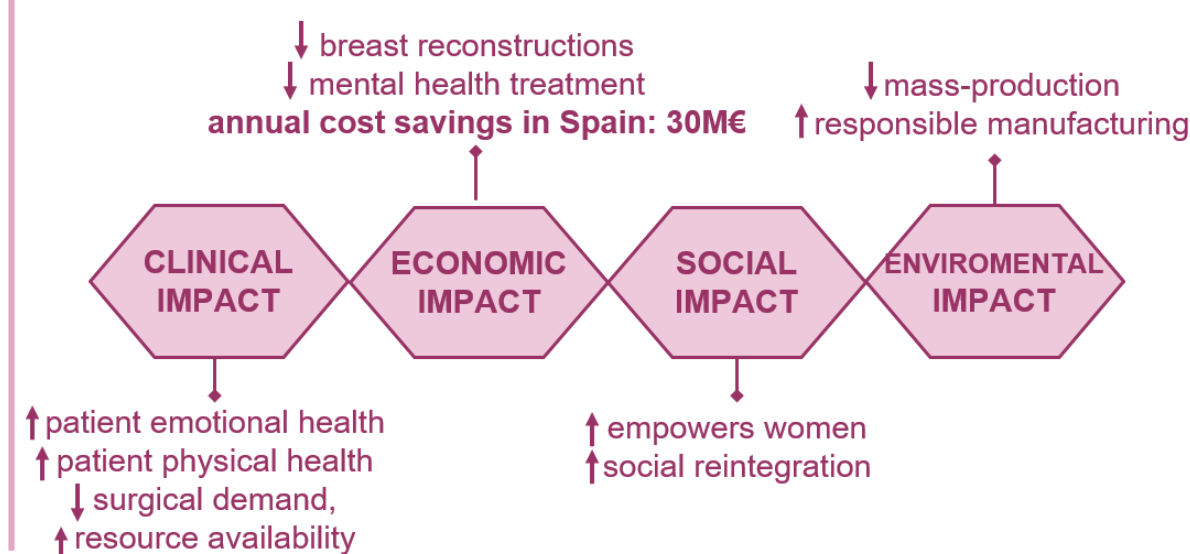


**lightweight**  
Confidence and self-esteem  
**3D technology**  
**accessible**  
**personalized**  
advanced medical materials  
comfort  
natural fit and symmetry  
**breathable**

## Project maturity level



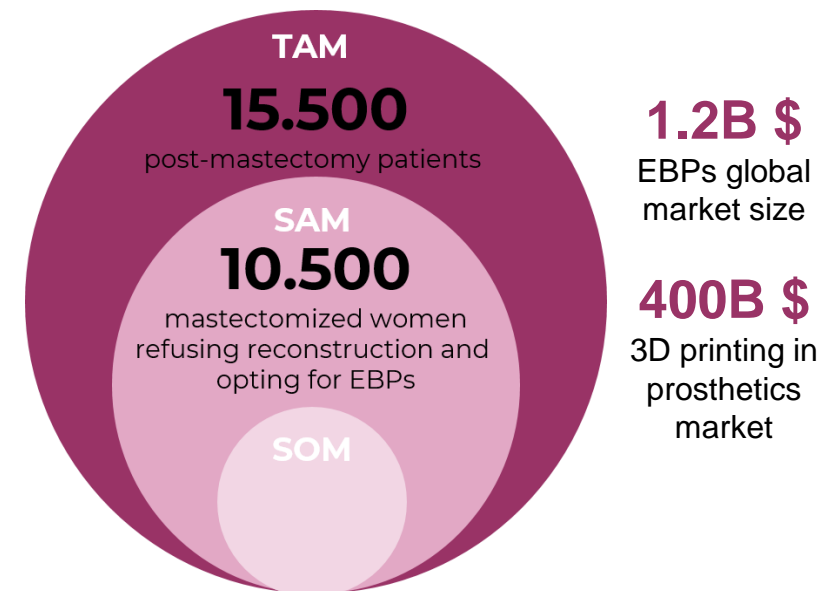
## Transformative value



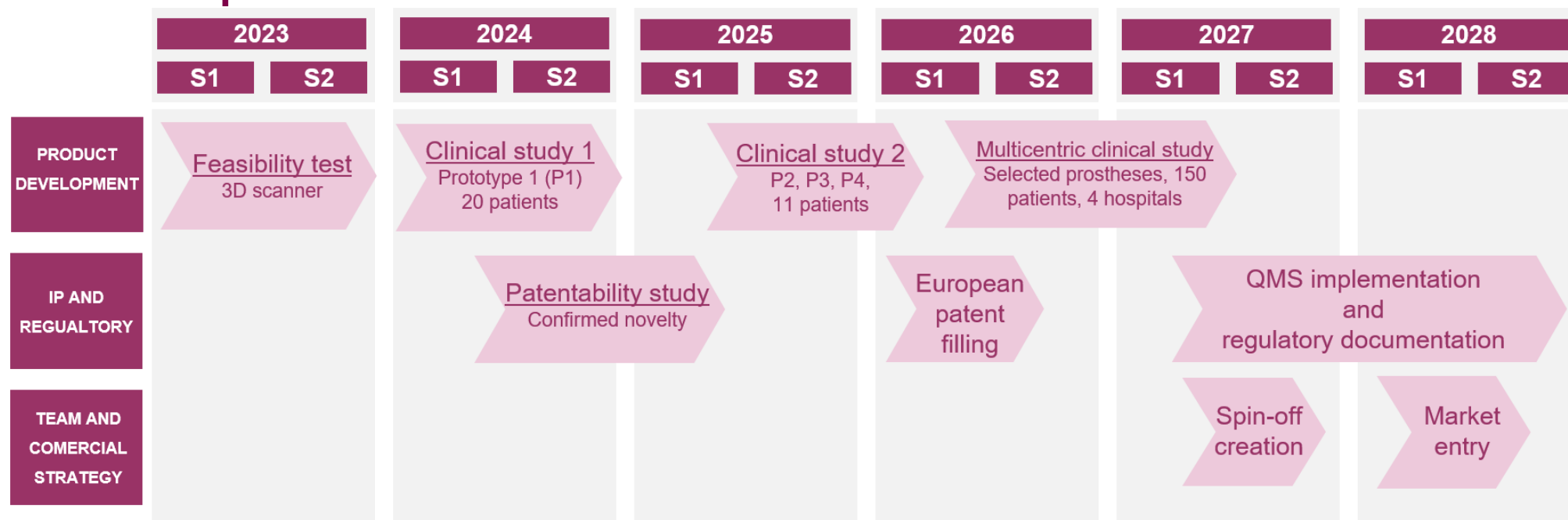
## Business model

- **Direct-to-Customer (D2C):** Launch by selling directly to patients. Partnership with patient associations.
- **Partnership expansion:** Collaborate with orthopedic centers as distributors. Collaborate with private clinics, and health insurers to enhance affordability for patients.
- **Public health integration:** Work towards inclusion in the public healthcare system for long-term accessibility.

## Spanish market size



## Roadmap



## Support

