

NANOPILOT:

A Pilot Plant for GMP

Manufacturing of Investigational
Medicinal Products (IMP)

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CIDETEC_Nanomedicine

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INTRODUCTION: The project behind the Pilot



Funded under European Union Framework Programme for Research and Innovation Horizon 2020 under Grant Agreement 646142

Project acronym: NanoPilot
Grant Agreement no: 646142
Start Date: January 1st, 2015
End Date: December 31st, 2018
Project Budget: 6.28 M Euro
Type: Research and Innovation Action

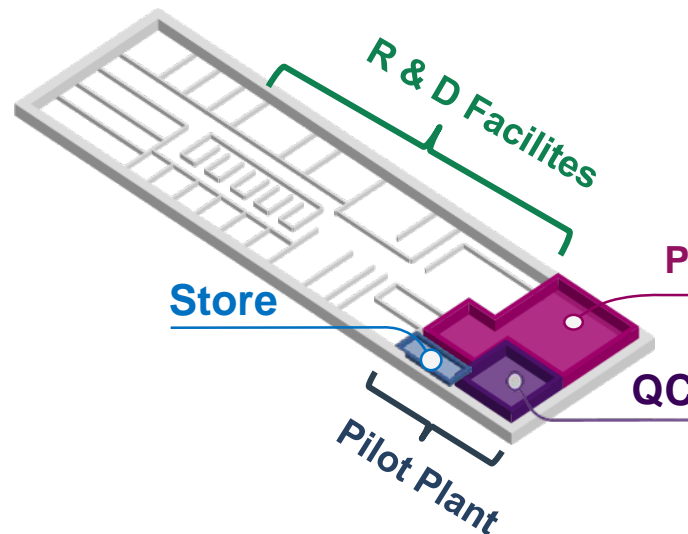
4 research groups, 3 SMEs and 2 industries, joined forces in NanoPilot.

www.nanopilot.eu



NanoPilot is a **four-year long project** which objective is to set-up a **pilot plant operating under Good Manufacturing Practices** for the production of **polymer-based nanopharmaceuticals**.

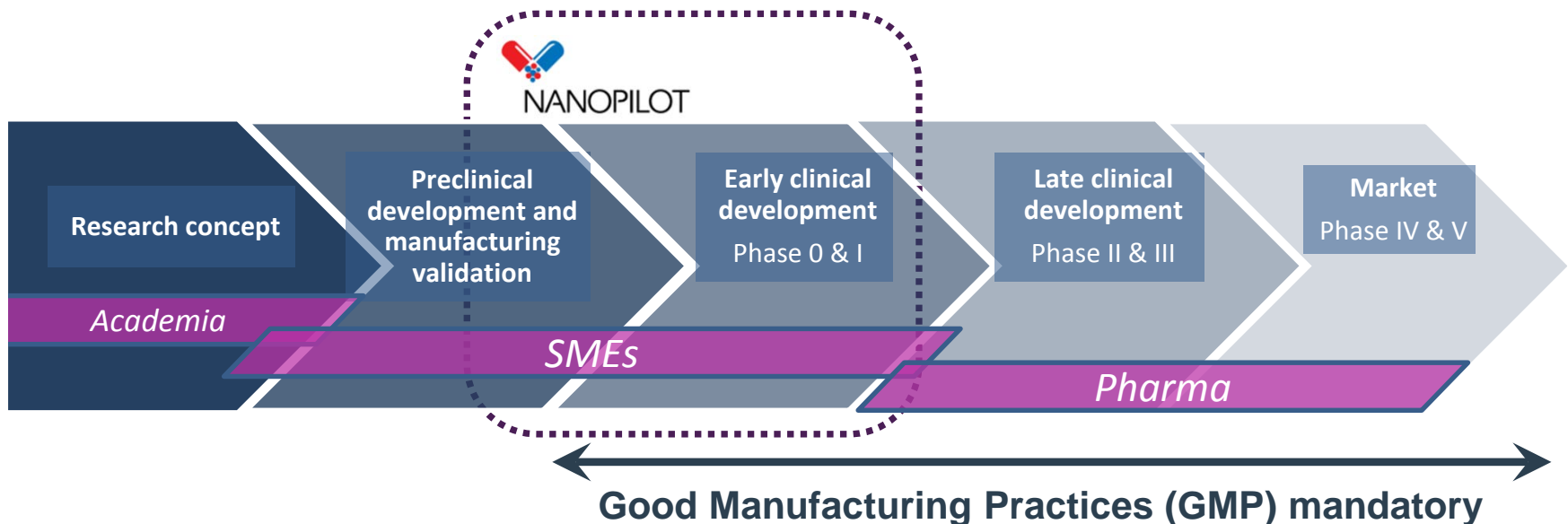
Pilot Plant is established in San Sebastián in the R&D building of **CIDETEC Nanomedicine**.

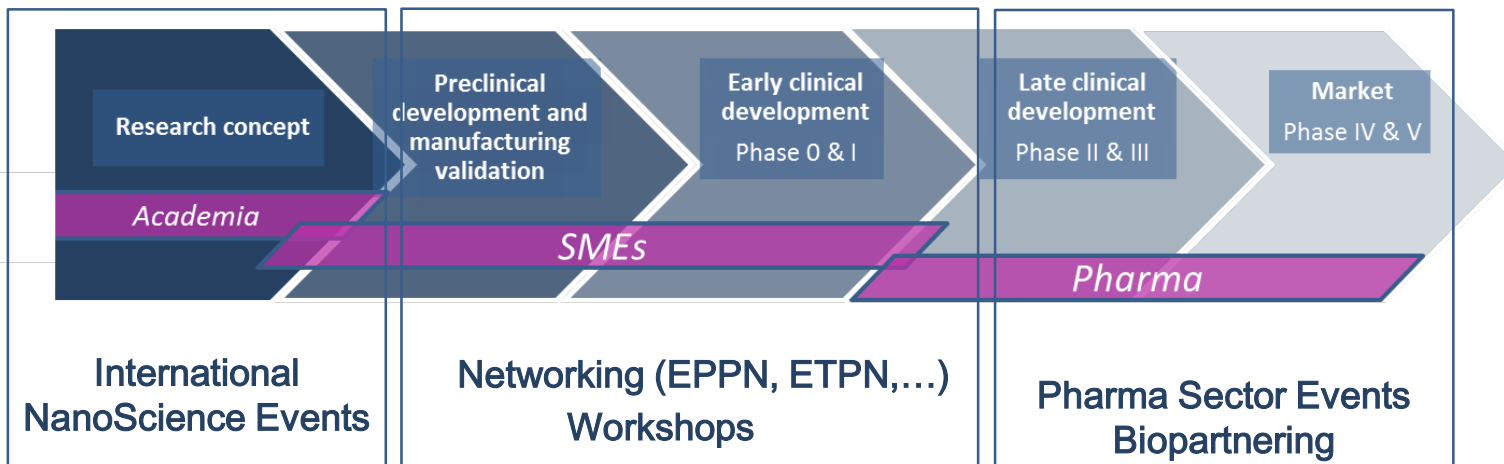


➤ SERVICES & CAPABILITIES: A need to be met

The production of innovative nanopharmaceuticals in quantity and quality (GMP) required to enter clinical trials remains a challenge specially for SMEs :

- **Medium size companies** with limited R&D facilities, use their existing manufacturing plants, which are too big and too busy for R&D purposes.
- **Small companies** lack of resources to up-scale and implement GMP manufacturing.





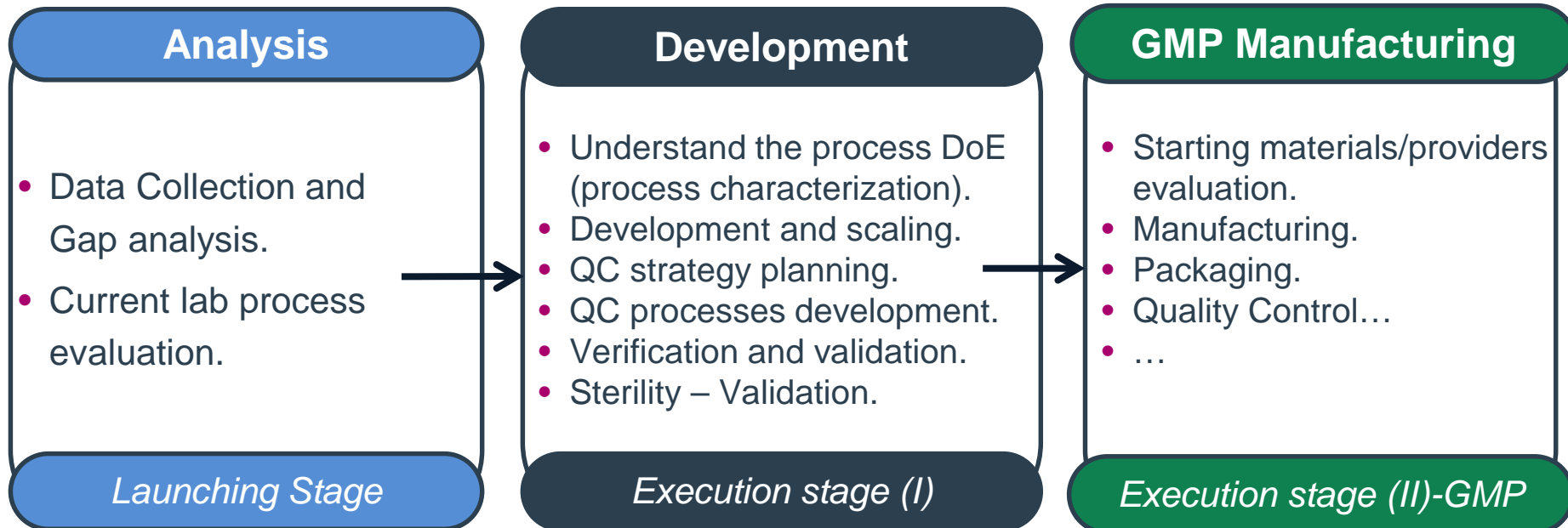
Potential users already showing interest:

Small SMEs at regional level (three projects under negotiation)



➤ BUSSINESS UNIT:

One stop shop / independent service units



- **Operate as a CDMO** (*Contract & Development Manufacturing Organization*)
The Pilot Plant integrated in CIDETEC Nanomedicine.
- **EU Programmes**
 - Partner in Test Beds initiatives
 - EU Innovative Action (IA) Projects TRL 6-7;.....
- **Regional funds:** Already working in two Programmes of the Basque Government
 - ELKARTEK : Working with R&D groups in QbD implementation.
 - HAZITEK: Subcontracted by companies taking part in this regional programme.
- **National funds**
 - Partner in RETOS programmes
 - Subcontracted by companies financed by Spanish Centre for the Development of Industrial Technology (CDTI) programmes...

- To be a good platform to help us **identify European initiatives or projects** where the pilot plant could be useful.
- **RIS3 strategy:** EPPN can **identify European regions** that are or will be **specialized in our sector** and **help us make contacts** to find new projects and possible partners. Easy to contact companies in our own region but not so easy around the rest of European regions.
- To operate as a professional **networking to look for synergies** between pilot lines.
- EPPN to be a **good showcase** for the pilots:
 - ✓ Making it easier for potential users to find the services they need in a single platform.
 - ✓ Sharing information of interesting events where the pilots or the end users will attend.
 - ✓ Sharing examples of successful stories.
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**THANKS FOR
YOUR
ATTENTION**

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nanomedicine

a greater future today