

Vanguard Initiative Pilot Projects

Approach, results and future priorities

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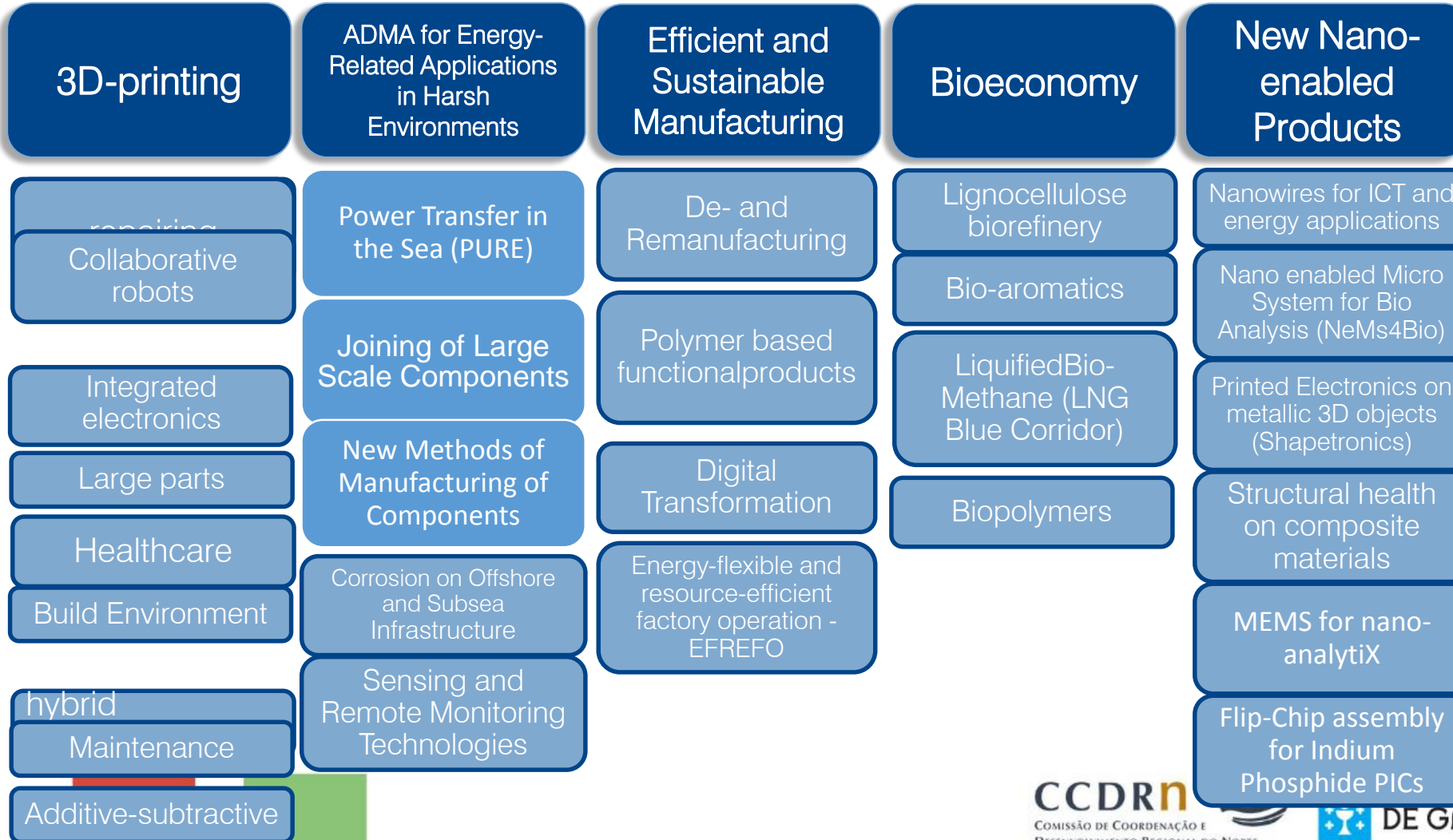




VI Pilot Projects

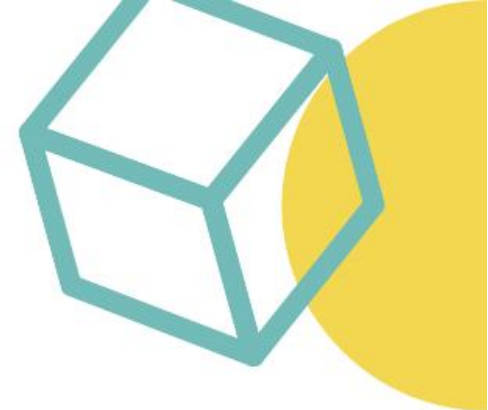
- **Interregional cooperation projects between companies and knowledge institutes in a specific technology field or application domain**
 - demonstration projects, no research (> TRL 5 – post prototyping)
 - industrial commitment (to participate/lead/co-invest)
 - European dimension : added value of joint demonstration
 - expected significant impact (economic, social and environmental returns)
 - **European Networks of Demonstrators**
 - **no “one off” projects / building of new industrial value chains through a pipeline of investment projects**
- in order to :**
- **accelerate market development and stimulate technology deployment**
 - **global competitiveness**

VI Pilot Projects and Democases - overview



Artificial Intelligence

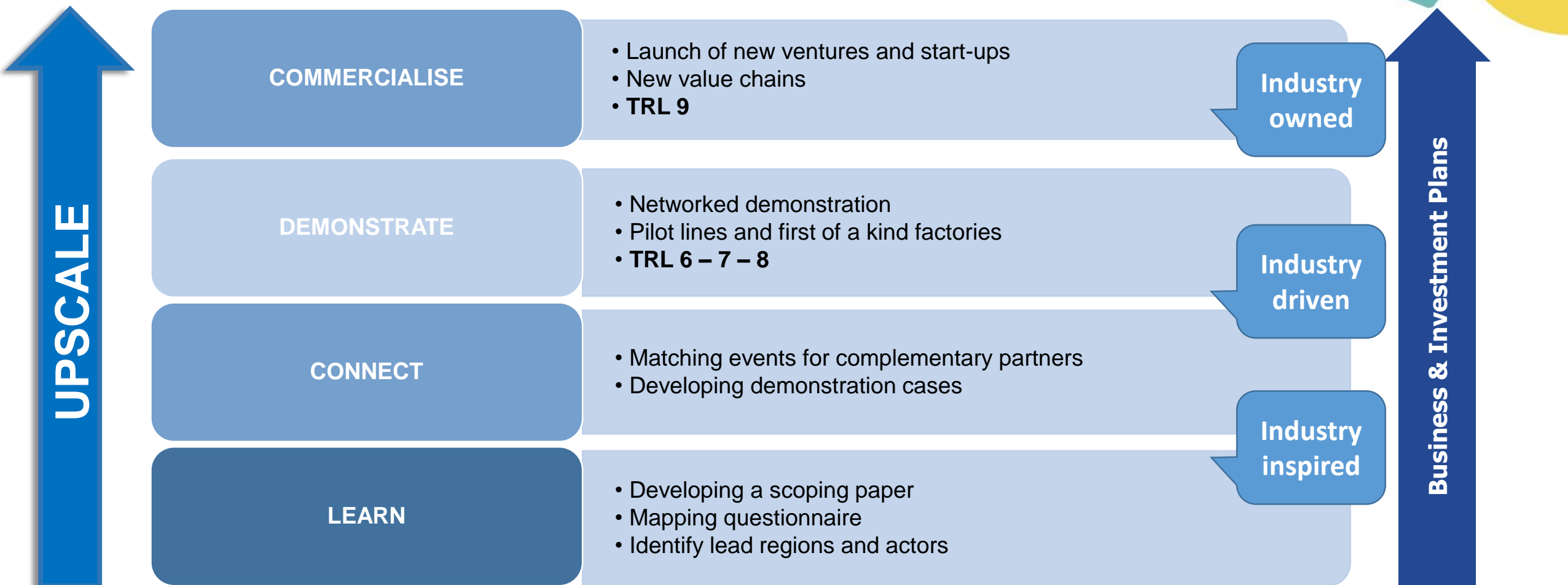
Smart Health

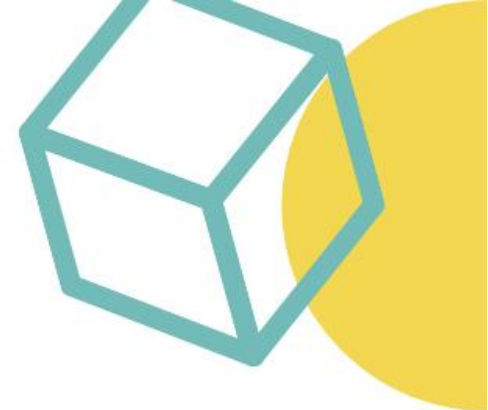


VI Democases

- **VI democases common objectives**
 - establish (shared) facilities for demonstration of new technologies
 - facilitate access to (shared) facilities
 - lower technology uncertainty, risks and costs
 - stimulate industrial replication and upscale (hence market uptake)
- **each democase =**
 - combination of complementary demonstration facilities
 - group(s) of companies accessing infrastructure (TRL 6-8)
 - Industrial replication and upscale (if the above is successful) (TRL 8-9)
- **3 types of democases**
 - challenge driven or technology driven
 - connecting existing infrastructure
 - building brand new infrastructure
 - connect and upgrade existing infrastructure (hybrid format)

VI Methodology





VI Pilot Projects, results so far

- **strengthened collaboration between new and additional partners**
 - sharing information, building collaboration ideas
 - numerous European project applications (mainly Horizon 2020 and Interreg)
 - few bilateral collaborations with regional funding
 - calculated company business cases (business plans ready for uptake)
 - no infrastructure investments
- **strengthening the Policy work of Vanguard Initiative, adding 'real life experience' in the work**
 - inspiration for EC's Smart Specialisation Platforms and their Partnerships
 - 'Interregional Innovation Investments' programme 2021-2027, 570 mEUR (ERDF, managed by EIC)



VI Pilot Projects, future priorities

- responding ever more to industry priorities and continuously adapting way of working in that respect
- finetuning ever more unique position in the landscape (additionality, uncovered areas, etc.)
- mobilizing and realising innovation support and (common) investment funding from VI regions
- making use of improved EU funding possibilities
- enhancing the technology deployment aspect
- strengthening the non-technological aspects (skills, standardisation, etc.)

in order to :

- raise impact

