

euRobotics / European Commission

Towards an updated roadmap for the
analytical laboratory

Background

- The European Commission invests €80-100M / year on robotics
- This will continue in the next framework programme (2021-2028)

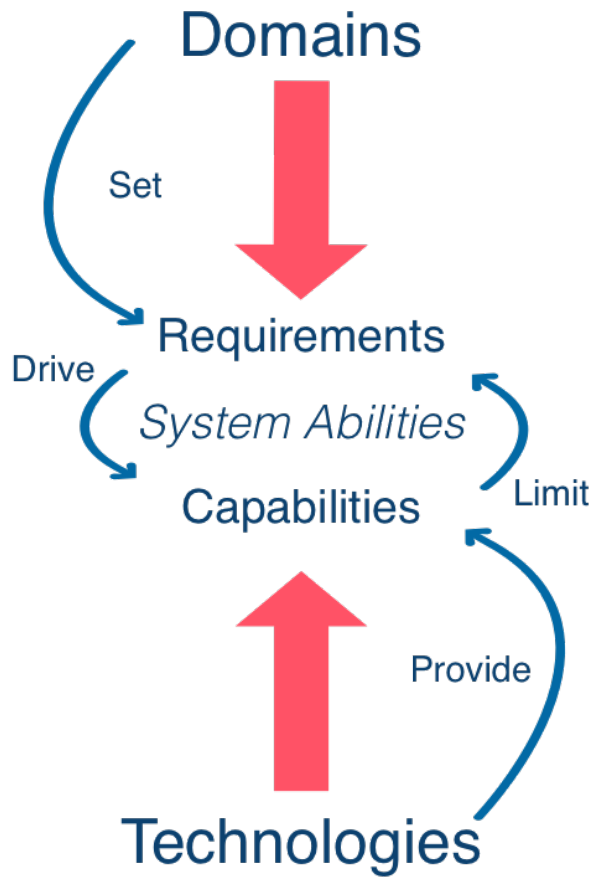
- Investments are directed according to input from the “community”
- The laboratory is listed as one of the application domains for robotics

- The Commission is collecting input for 2021-2028 in Robotics and AI
- Major suppliers (Kuka, ABB) and universities (ETH, EPFL) are involved
- **We are collating this for the laboratory sector and invite you to take part**

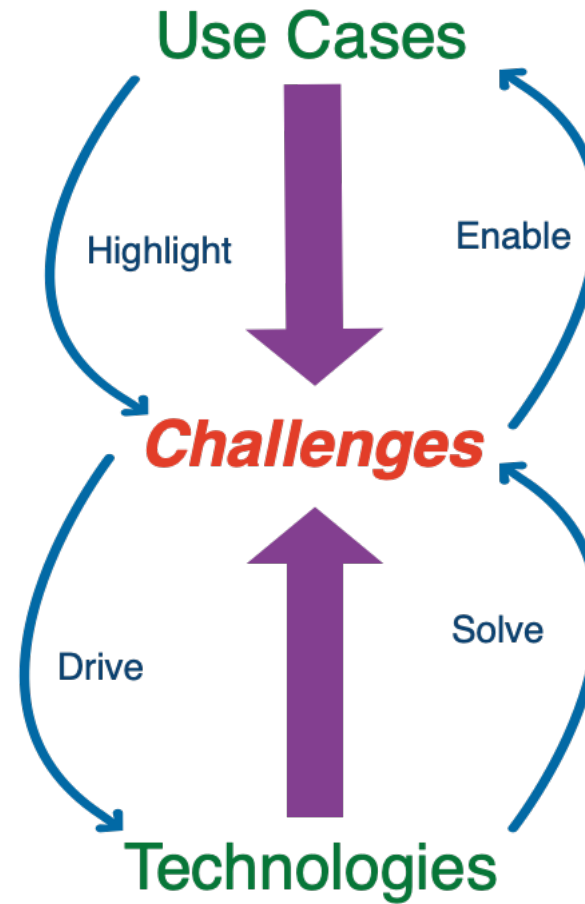
Benefits of taking part

- 1) Give visibility to your interests
- 2) Guide funding to address important challenges
- 3) Secure support at the political level
- 4) Be a party at the table and shape the future
- 5) Develop contacts and alliances, gain access to funding

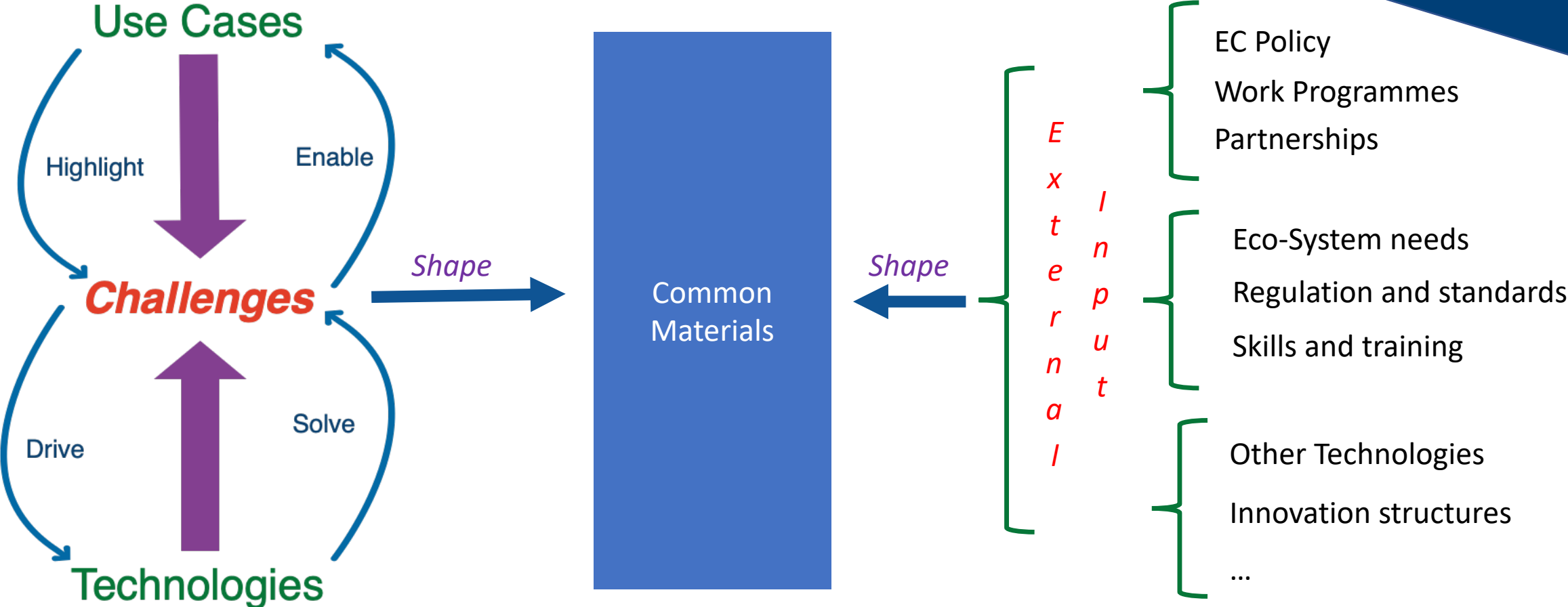
We will also be organising promotion, publications and events to secure visibility for the laboratory alongside the factory and farm



*Transformation
in Roadmap 2030*



Structure



Principals:

Ross King, Rich Walker, Patrick Courtney



“I want to transform the way science is done, artificial intelligence (AI) holds the potential to do that” says **Ross D. King**, professor of Machine Intelligence at the Department of Biology and Biological Engineering at Chalmers University of Technology, Sweden.

He has started work building a third generation of the Robot Scientist.



Rich Walker has worked in robotics for over 20 years, and is Managing Director at the Shadow Robot Company, one of UK’s leading robotics companies applying robotics technologies to solve real problems. He sits on the Innovate UK “Robotics and Autonomous Systems” SIG Advisory Board, a Director of euRobotics, and various EPSRC and University networks and committees in robotics.



Patrick Courtney, has 20 years experience in the lab instrument industry, and leads the topic group on analytical laboratory robotics within euRobotics in Belgium. He is also a director at SiLA (standards in lab automation) based in Switzerland and organises event and workshop on lab robotics in Europe and US.