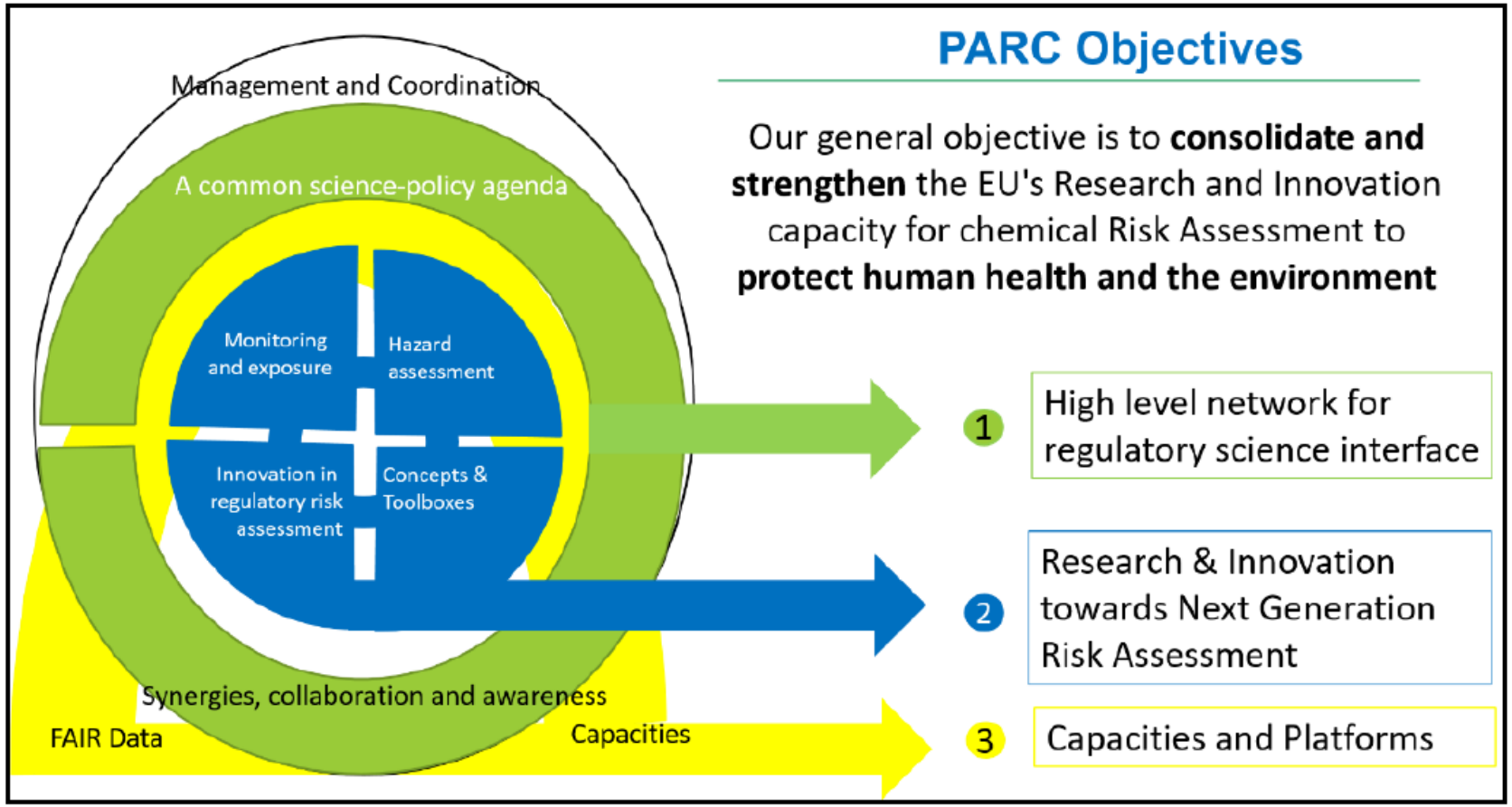
PFAS activities in PARC

- Gunnar Thorsén, IVL



PARC – Partnership for the Assessment of Risks from Chemicals



- 28 Countries
- 200 organizations
- 400 million Euro
- 7 Years

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What is PARC

Challenges

- Number and diversity of chemicals
- Gaps in toxicology
- Incomplete occurence and exposure data
- Separate policy frameworks
- Need for new risk paradigms
- Restricted data access
- Lack of skills
- High public concern
- Environmental and public health costs

Research and development needs

- Science – policy dialogue to drive regulatory innovation
- Innovating toxicology: new methods and approaches
- Monitoring and impact assessment
- Cooperation accross sectors
- New risk assessment approaches and decision support tools
- FAIR datadata and open and connected platforms
- Training for new skills
- Improved communication

Actions

- Support a common science policy agenda
- Evolve hazzard assessment
- Advance monitoring and exposure assessment
- Create and strengthen synnergies and collaborations
- Drive innovation in regulatory risk assessment
- Define new concepts and toolboxes
- Support and contribute to fair data
- Enhance capacities: Infrastructure and skills
- Foster communication accross stakeholder groups

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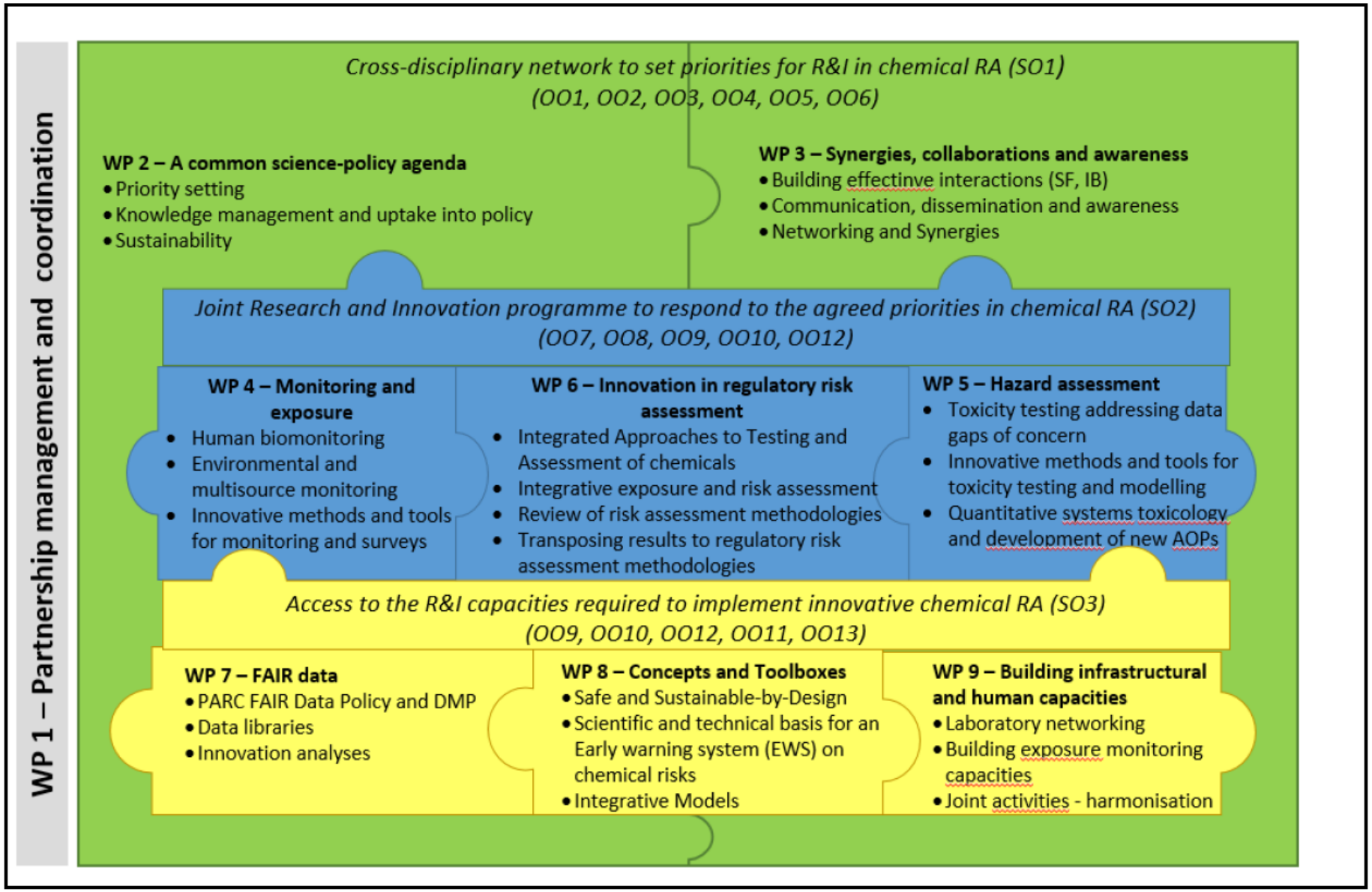
What is PARC

Outcomes

- A sustainable Europé-wide R&I plaform for chemical risk assessment
- Establish synergies with other EU Green Deal policy areas
- Empower the Common European Green Deal Data space by providing FAIR data on chemicals
- Enhance collaboration and move towards ”one chemical – one assessment”
- Zero pollution
- Enhance the protection of workers from chemcial risk
- Support public authorities and industry in developing a circular economy including better waste management

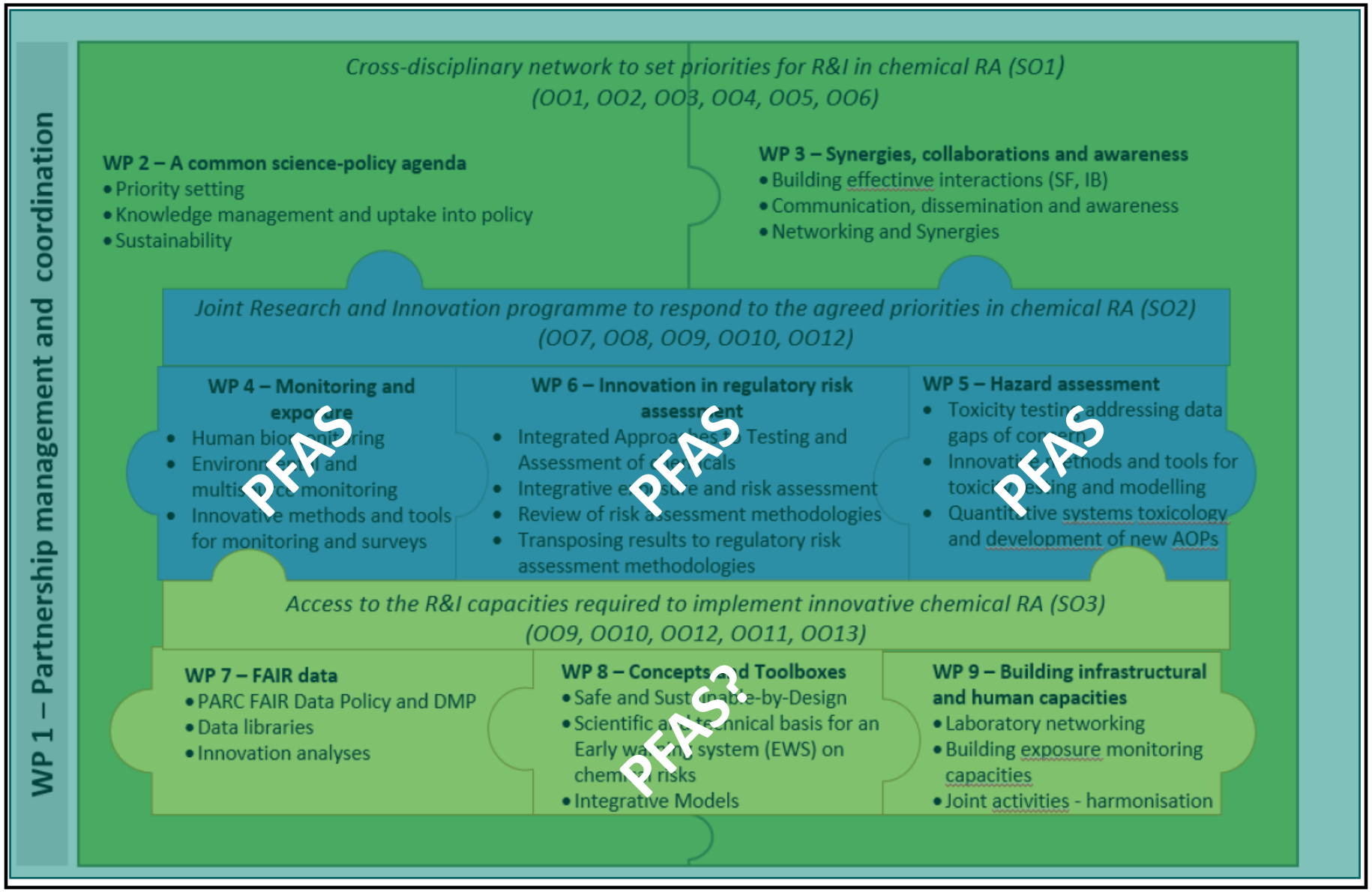
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PARC workpackages



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PFAS activities in PARC



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PFAS activities in PARC

WP4 – Monitoring and exposure

- Task 4.1 Human biomonitoring – **PFAS** cohorts
- Task 4.2 Environmental and multisource monitoring – European monitoring campaign to establish a baseline and facilitate a future european monitoring – EDCs and **PFAS**
- Task 4.3 Innovative methods and tools for monitoring – Non-target screening tools for ”halogenated persistent chemicals of emerging concern” (PFAS, chlorinated paraffins)

WP5 – Hazard assessment

- Task 5.1 New approach methodology - developmental neurotoxicity/acute neurotoxicity (DNT/ANT) assays with sufficient readiness will be used for chemical testing
- Task 5.2 Immunosuppression and response to vaccination
- Task 5.2 Acute neurotoxicity – BPAalternatives, nanoplastics, **PFAS**……New platform for ultrasensitive detection
- Task 5.3 Systems Toxicology – Physiology based kinetic (PBK) model of PFAS compounds incl blood-brain barrier

WP6 – Innovation in regulatory risk assessment

- Task 6.2 dedicated PFAS working group, PFAS case studies for source-to-dose modelling and aggregate exposure
- Task 6.3 Risk assessment Case study workplace exposure to PFAS (not certain)

Thank you for your attention!

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