

85th Advisory Forum meeting (25-26 October 2022)

Thematic Discussion | Advancing environmental risk assessment (ERA) methodologies: moving towards a partnership for ERA

EU Partnership for Environmental Risk Assessment (PERA) *EFSA's ambitions*

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1 |
Background

2 |
What?
(issue)

3 |
How?
(proposal to address
the issue)

4 |
Next steps

1 | ERA in EFSA's remit



Stressors/regulated products (pertaining to food/feed production)

Animal diseases (zoonotic/non-zoonotic)
Biological hazards
Botanicals
Chemical mixtures
Food contact materials
Contaminants
Diets
Emerging risks
Endocrine active substances
Enzymes
Flavourings

Feed additives

Genetically modified organisms

Nanomaterials
Novel foods/feeds

Plant protection products (active substances)

Processing aids

Quarantine plant pests

...

Protection goals

Human health
Animal health
Animal welfare
Plant health

Environment

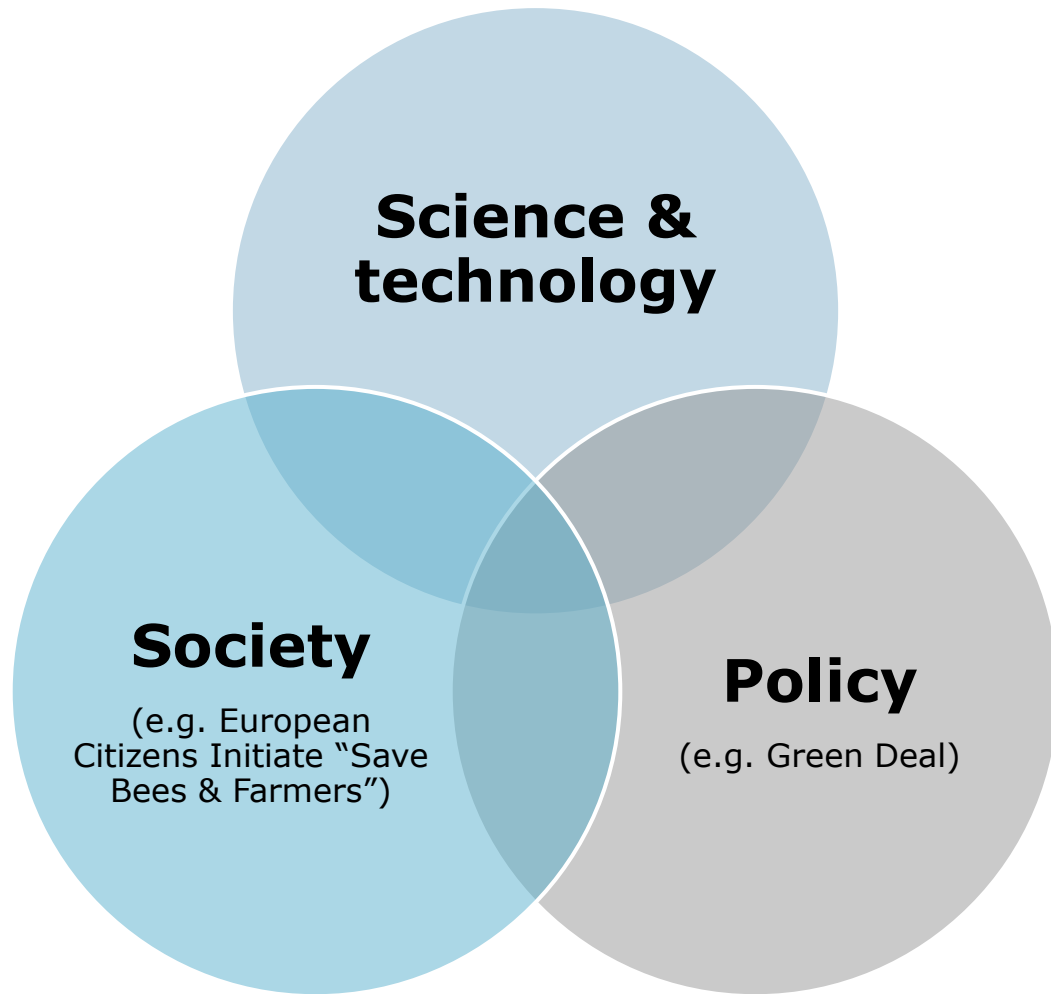
(biodiversity, ecosystems, ecosystem services, ...)

...

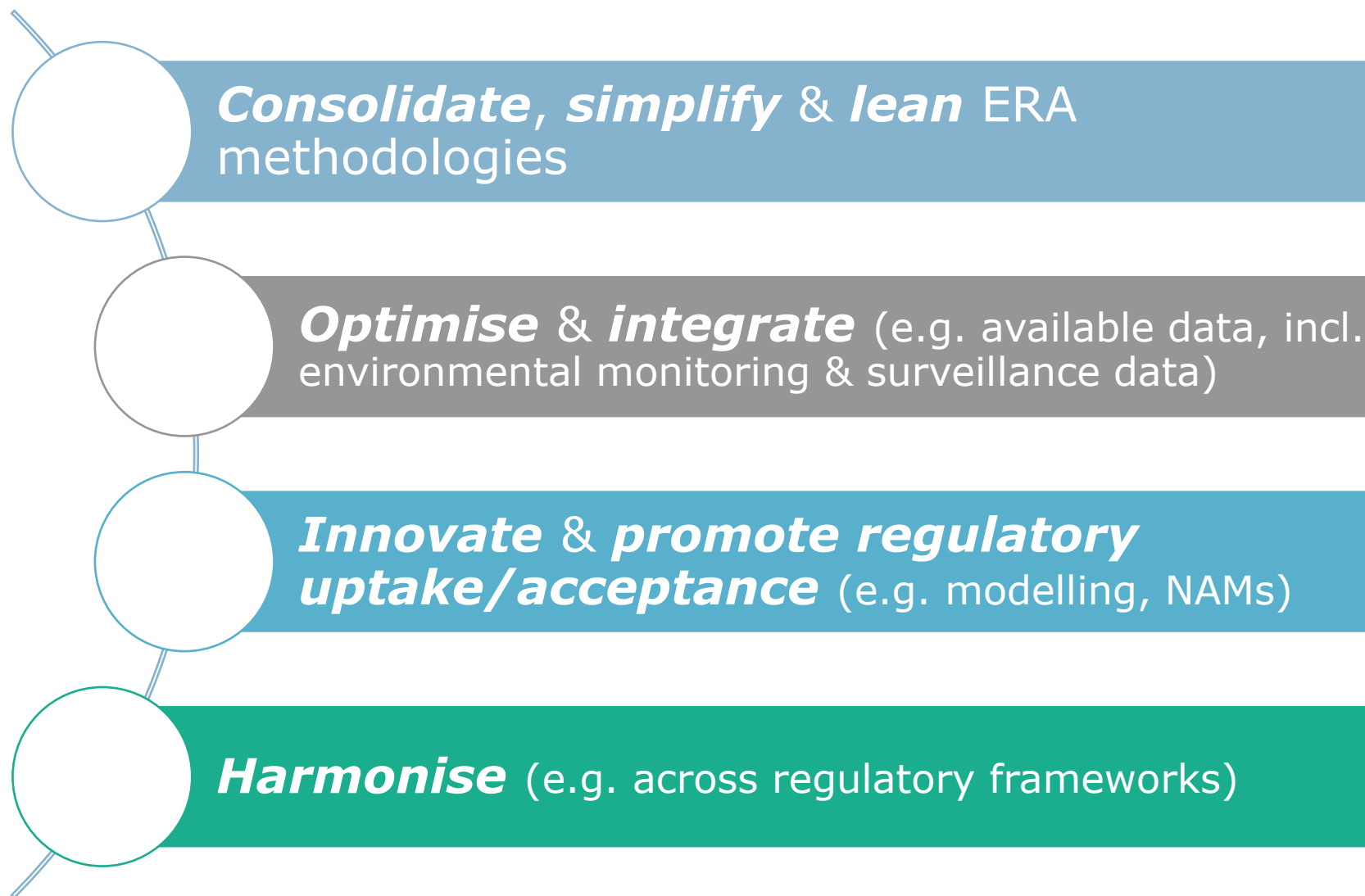


Assessment of ***pre-market registration applications*** & ***market renewal applications***

- Assess impact of substance/compound & product on the environment (incl. biodiversity, ecosystems & ecosystem services)
- Develop & revise risk assessment guidance (incl. cross-cutting ones)
- Develop risk assessment tools & gather data



EFSA's mission – Ensure that ERA methodologies remain fit for purpose in a ***fast-changing world***



3 | ERA methodology development needs

Process



Theme/concept paper

Take a **systems lens** to look at issue holistically, in line with One Health approach

EFSA et al. (2022)
<https://doi.org/10.2903/sp.efsa.2022.e200503>



PERA Roadmap

Identify & **map** data, knowledge, expertise, activities, actors & gaps

Sousa et al. (2022)
<https://doi.org/10.2903/sp.efsa.2022.EN-7546>



PERA Partnership

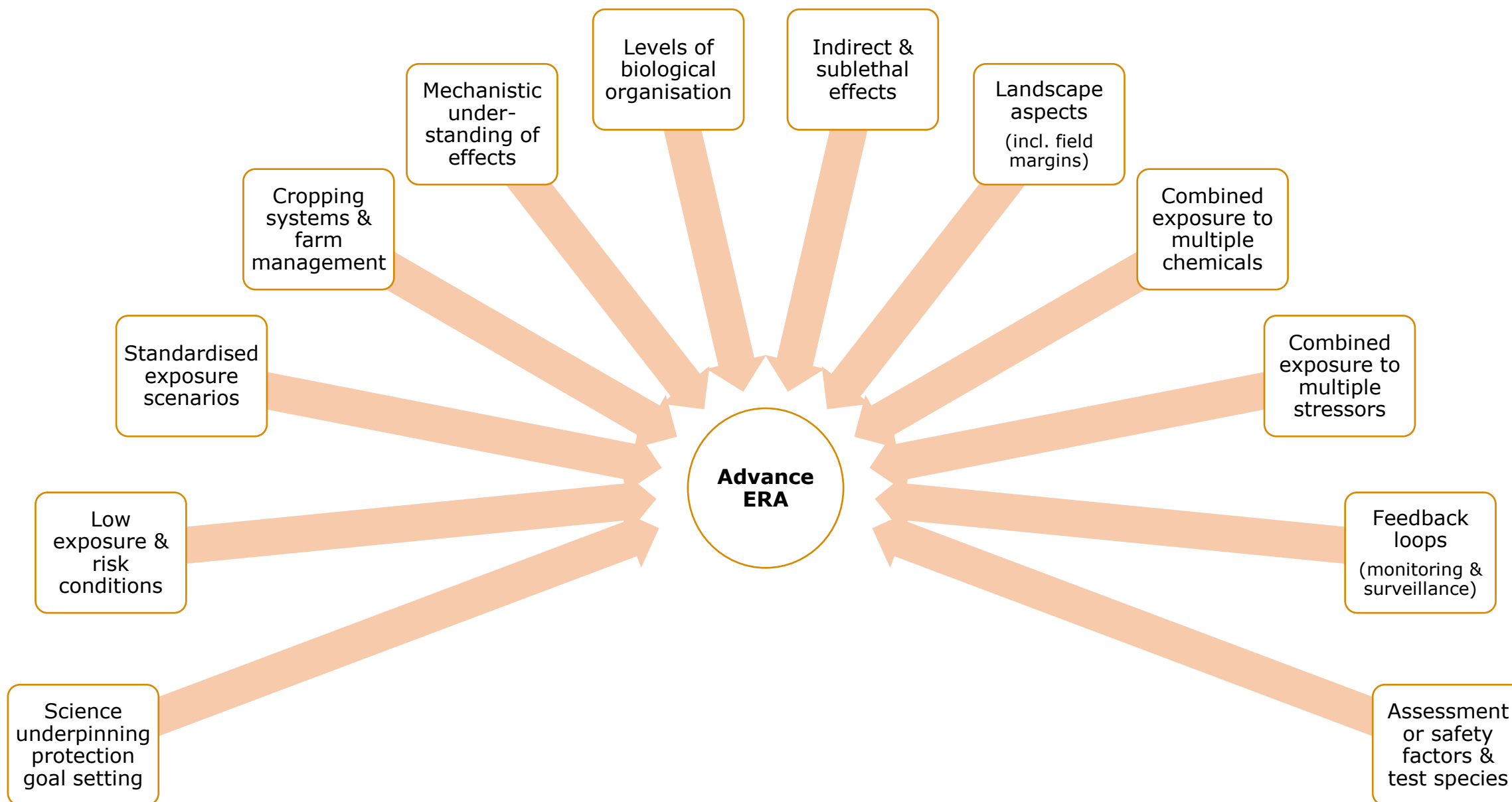
Connect the dots – make sense & integrate (connect & integrate data, knowledge & expertise)



ERA methodology development needs

Define & **prioritise** ERA methodology development needs

3 | Possible methodology development areas





Apply approach to ERA of **plant protection products** first

Thereafter, apply to **other** substances/compounds & products & environmental stressors



- Define the best possible **channel/forum** to go together
- Define & prioritise **methodology development needs** for ERA, together
- **Join us** on this journey
(provide us with your expression of interest)

EFSA's Risk
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Consortium responsible for the PERA
Roadmap development

