



A new European Nanotechnology Risk Governance Council

***Why do we need this?
Who are the stakeholders?
What are their needs?***

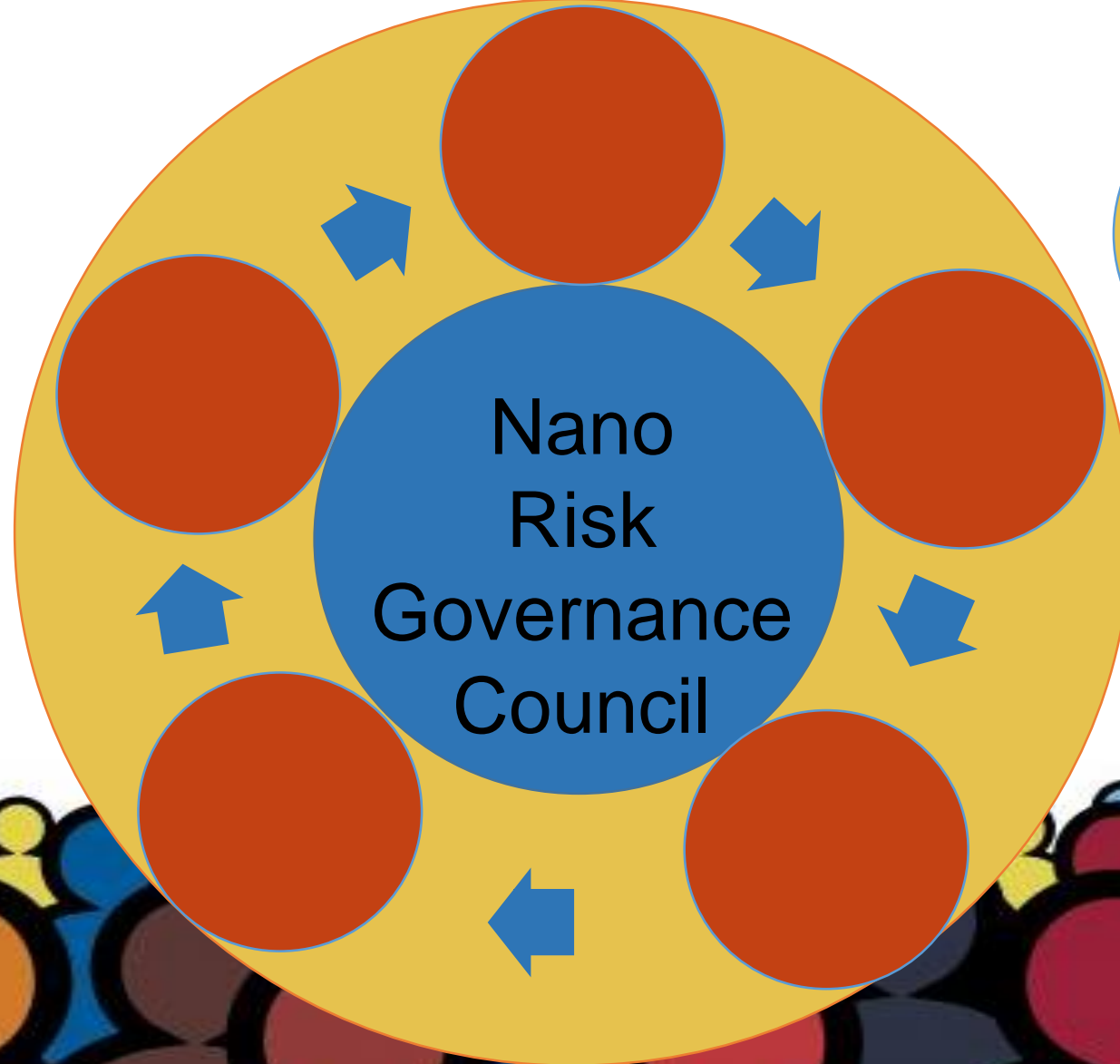
NanoSafety Cluster - 16 November 2020

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Risk Governance Framework

Supporting Infrastructure data, tools & instruments

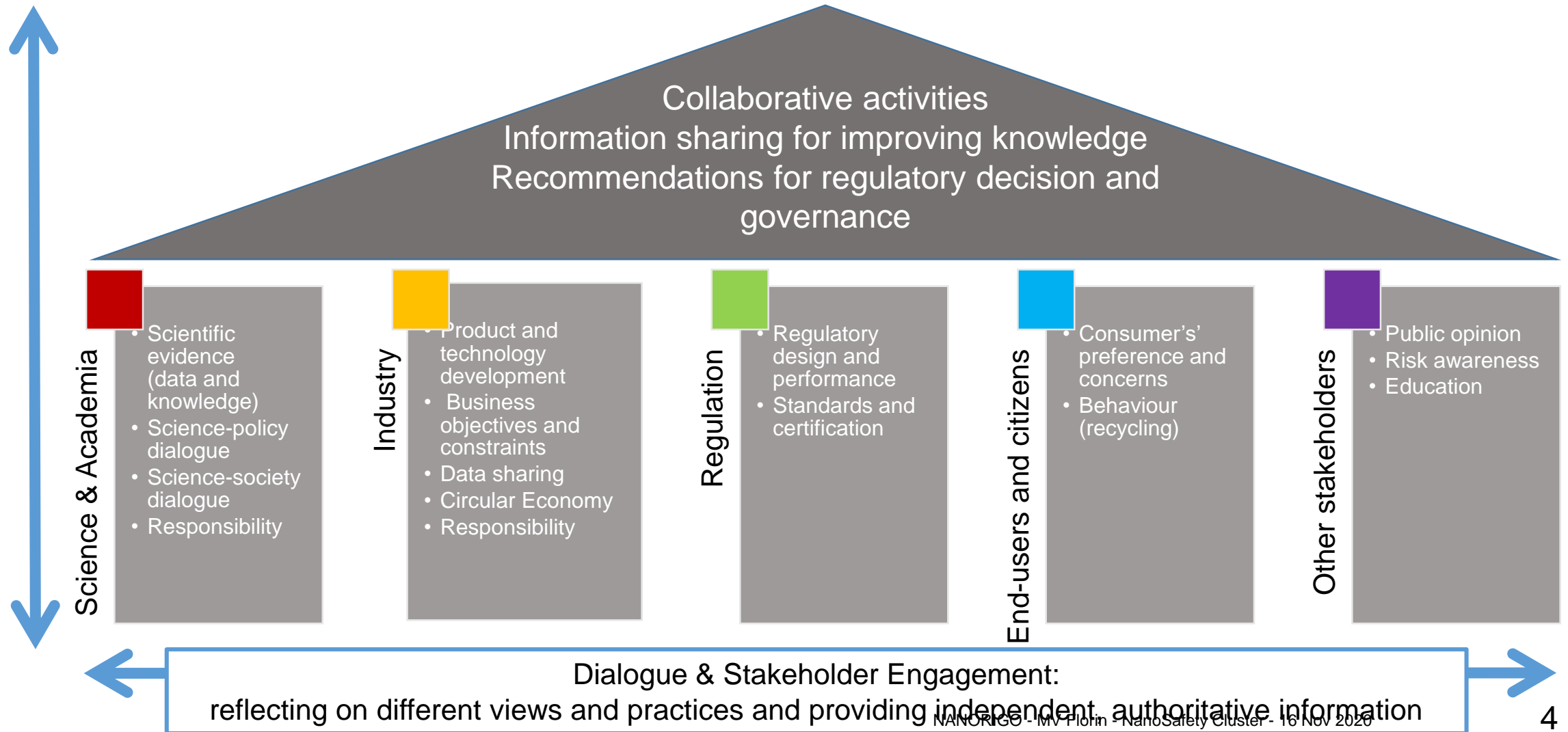


A new organisation to help society better balance innovation and precaution... towards the future

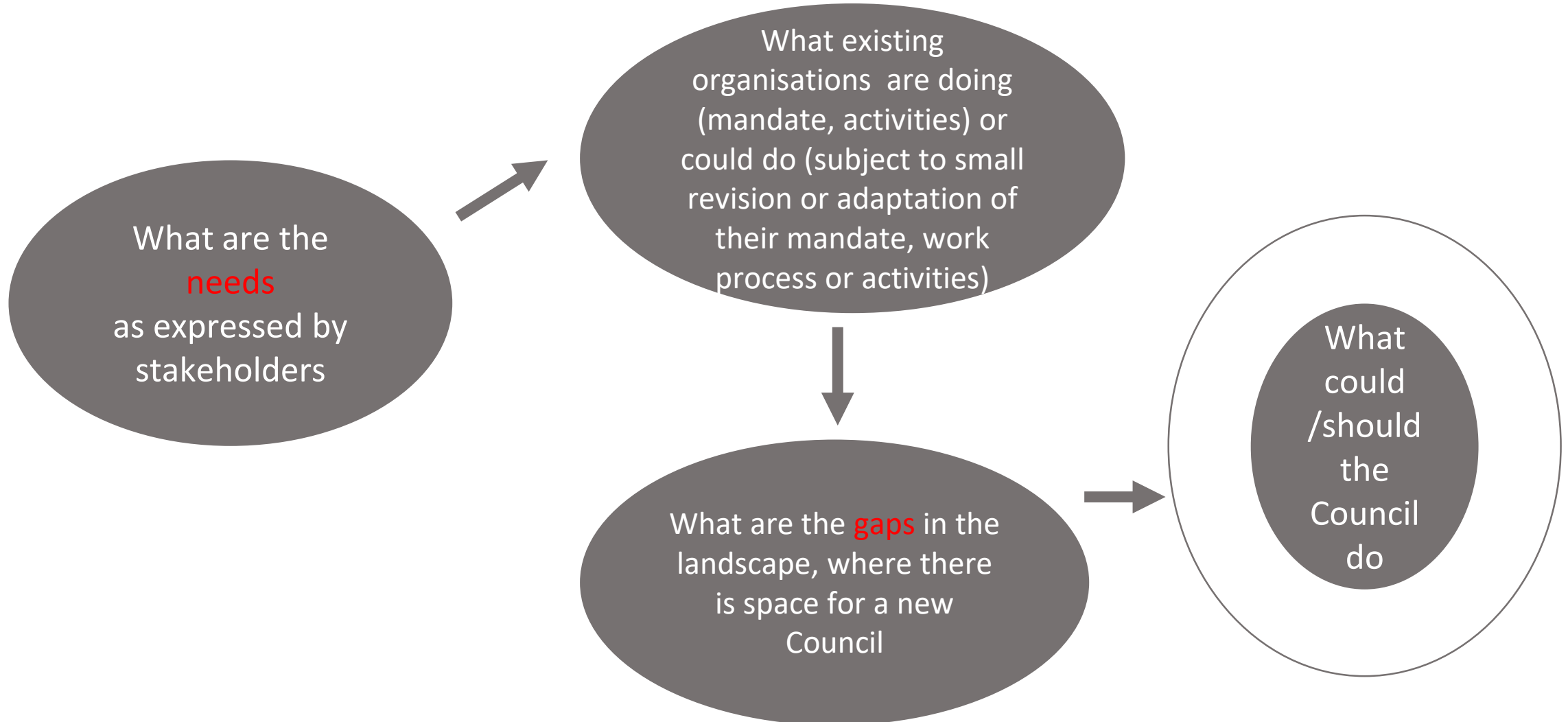
- the field of engineering nanomaterials is changing. Convergence with other technology is adding complexity, scientific uncertainty and social ambiguity. A new paradigm is needed to deal with risks from **emerging technology**.
- We need to **bring together disciplines and stakeholders** to address current and future challenges in a fully collaborative manner
- We need to improve environmental and human long-term **sustainability**

- **Innovation**
Support innovations in nanotechnology and the development of new, advanced, innovative materials
- **Precaution and Responsibility**
Advance research, production, use and recycling of safe, responsible and sustainable nano-enabled techniques, applications and products, today and in the future (RRI).

Stakeholders' inclusion and engagement



Needs and gaps



'Needs', as expressed during consultations with stakeholders.... The Council could:

1. Help share and translate scientific data, information, methods
2. Support regulatory harmonization, where possible and also internationally, and implementation of regulation
3. Understand, reduce and learn how to cope with uncertainty and ambiguity (decide). Define what an 'acceptable' level of risk is.
4. Help stakeholders make the best use of concepts such as safety-by-design, life cycle assessment (CLA) and development of circular economy
5. Focus on emerging risks, early warnings, foresight
6. Work for the long-term sustainability of engineered nanomaterials and nano-based systems
7. Work to implement Responsible Research and Innovation (RRI)

In your view, which of following statements are correct? (select several - do not mark when you think that the statement is wrong)

1. Stakeholders like NGOs are well included in the assessment and the management of safety risks
2. Industry should and could share more data with scientists, regulators and NGOs
3. There is enough attention paid today to potential long term risks (that may manifest much later)
4. Emerging risks are well identified and assessed by existing institutions
5. We know enough today about how to develop products that are 'safe-by-design'
6. We know enough about how to do full life cycle assessment/analysis (LCA)
7. We need a new place (organisation) where we/I could learn, experiment and share findings about these matters
8. I know what RRI means in the practice (responsible research and innovation)

- Thank you

