AU-ENAS-JRC-EPFL-FIOH-EMPA-BAM-ITENE-FRAUENHOFER-UFZ-NTUA-PLUS-UBREMEN-BOKU-UAVR-UL-TGO-BKLB-DPF-ETSS AG-DECHEMA-OPTIMAT-SPI-GAIKER-ANTOLIN-OEKO-ECOS-QUERCUS-WECF

Insight into the nanorisk governance process

NanoRigo NRG framework

Arto Säämänen, FIOH NanoSafetyCluster Education Day 16 Nov 2020





Question:

What does Nanotechnology Risk Governance mean to you?

→ Word cloud





Risk governance

Governance refers to the actions, processes, traditions and institutions by which authority is exercised and decisions are taken and implemented.

Involves multi-disciplinary sciences and multi-stakeholder approaches

A FRAMEWORK for risk governance is based on a defined and structured **process** to addressing **risk** in a comprehensive and holistic manner.

Marie-Valentine Florin, EPFL for NANORIGO





So, what do we need?

0	Integrate important concepts	principles and tools
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Access to **data** and guidance on how to obtain high quality data / outcome of knowledgebased risk assessment



Access to tools for risk assessment and risk management

Fil

Provide recommendation on **responsible** and transparent communication between **stakeholders**



Support to identify future scientific and regulatory research needs: address current as well as future challenges

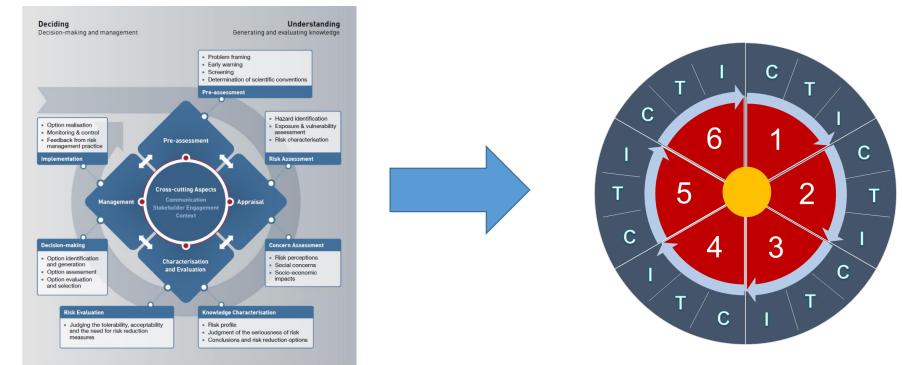




Risk Governance Framework

https://irgc.org/risk-governance/irgcrisk-governance-framework/

NANORIGO adaptation to nanotechnology

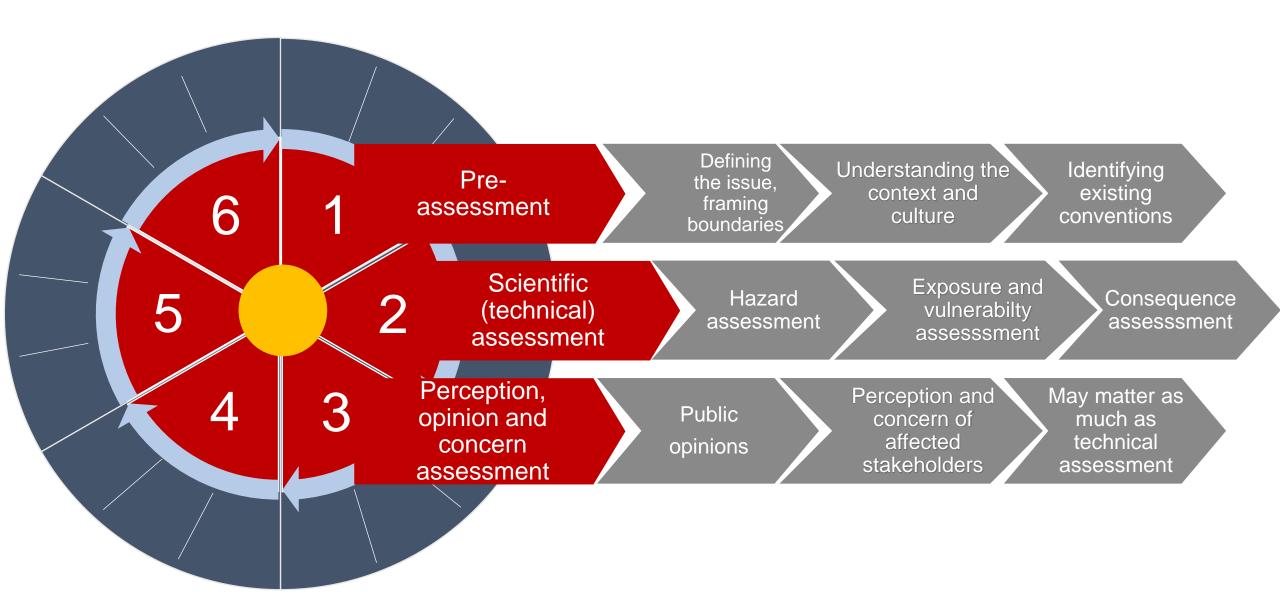




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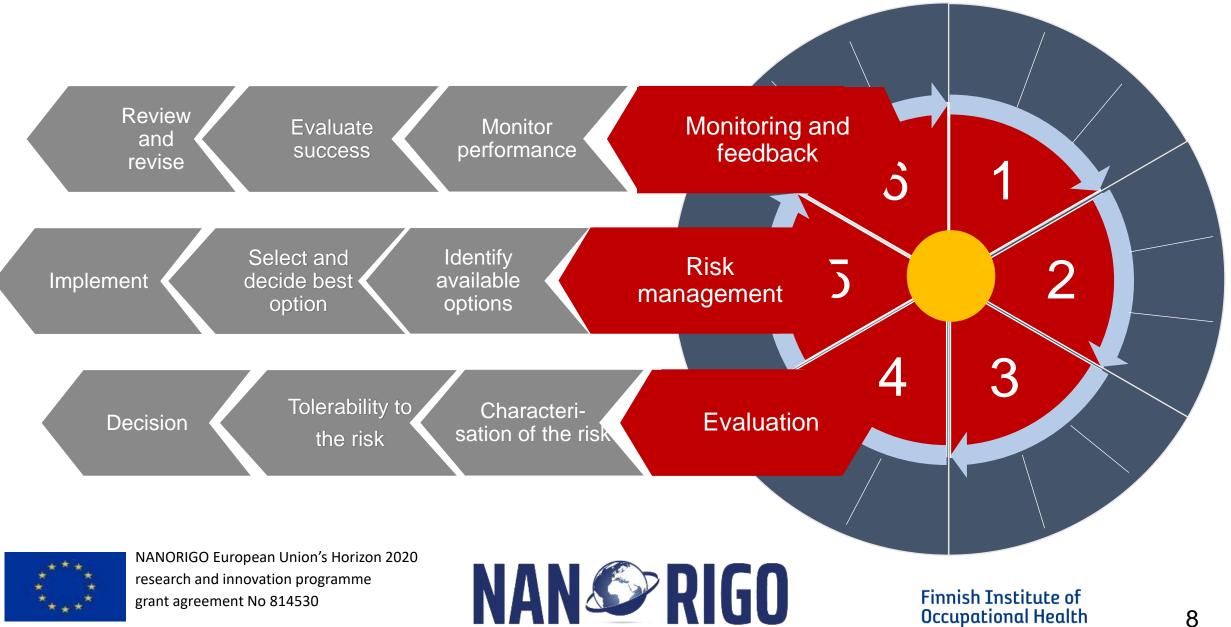
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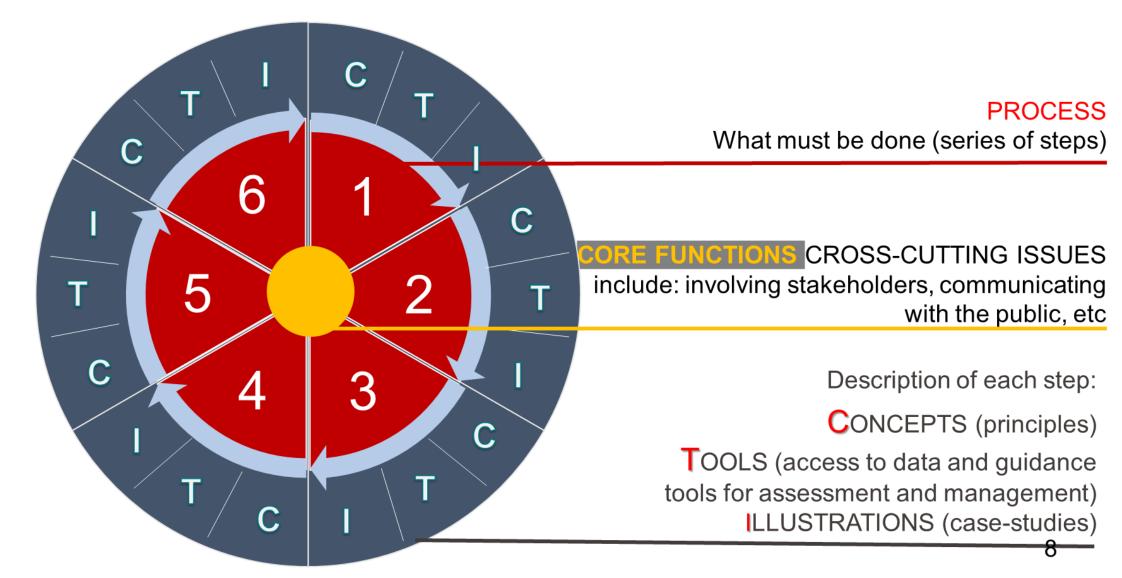
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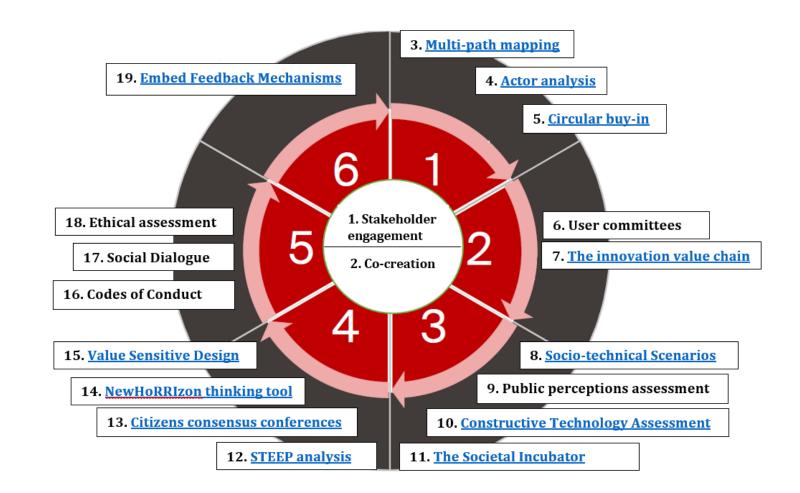


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Integrating key elements of governance into the Framework

Example of possible integration of societal considerations to the risk governance process.







Thank you for your attention!

https://nanorigo.eu/

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NANORIGO

NANOtechnology Risk GOvernance aims to develop and implement a transparent, transdisciplinary Nanotechnology Risk Governance Framework and a related Risk Governance Council.



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