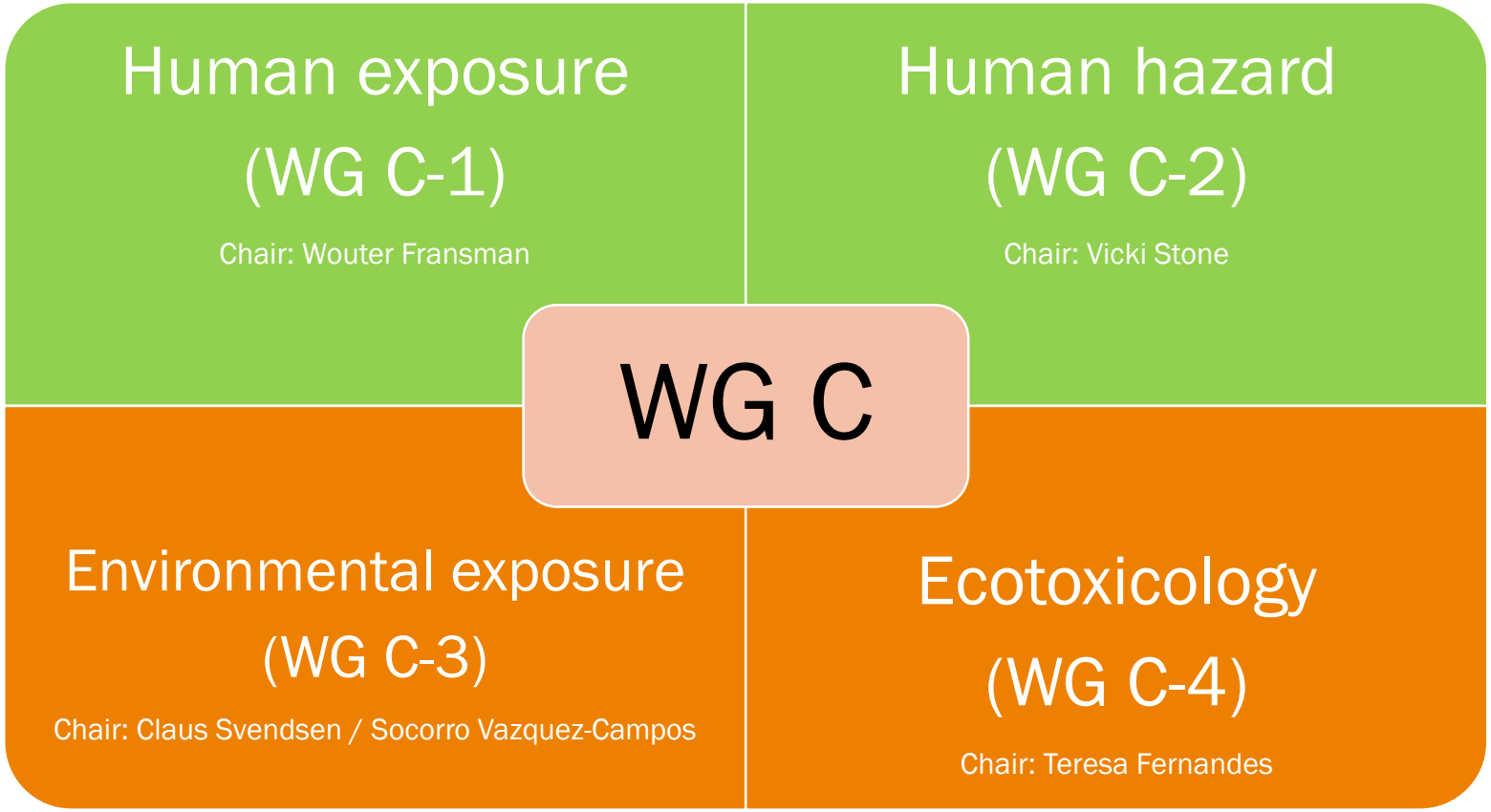
SESSION 2: EXPOSURE & LIFE CYCLE ASSESSMENT - DETERMINATION & MODELING

WOUTER FRANSMAN

AGENDA

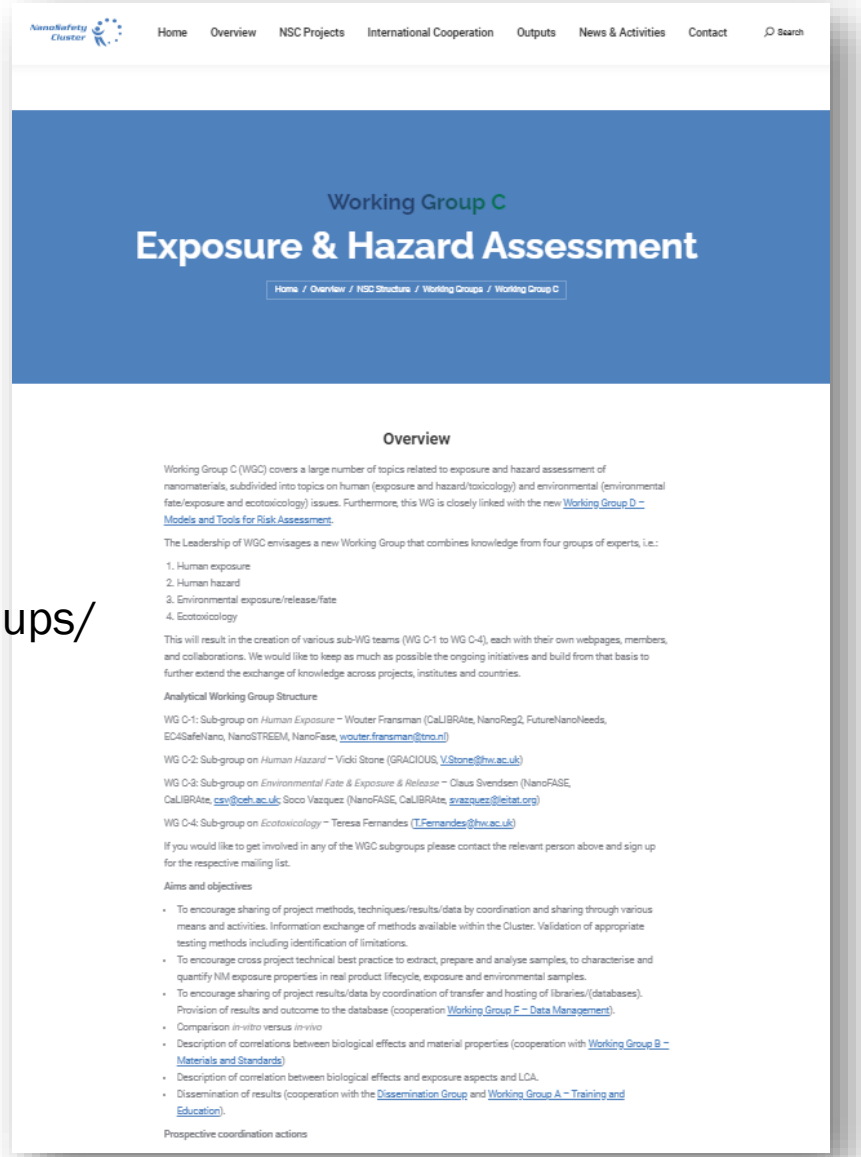
- 10:05 Introduction of Session Chair Wouter Fransman, TNO
- 10:05 - 10:15 Extrapolation of exposure measurement data for similar exposure scenarios and/or similar materials - from regular chemicals to NMs (Remy Franken, TNO)
- 10:15 - 10:30 Sharing of release and exposure measurement data (Camilla Delpivo, Leitat)
- 10:30 - 10:45 Efficiency testing and implementation of risk management measures to mitigate exposure to NMs (Henk Goede, TNO)
- 10:45 - 11:00 Life cycle thinking in nanoform release assessment (Nathan Bossa, Leitat)

WG C EXPOSURE AND HAZARD ASSESSMENT



WG C EXPOSURE AND HAZARD ASSESSMENT

https://www.nanosafetycluster.eu/nsc-overview/nsc-structure/working-groups/



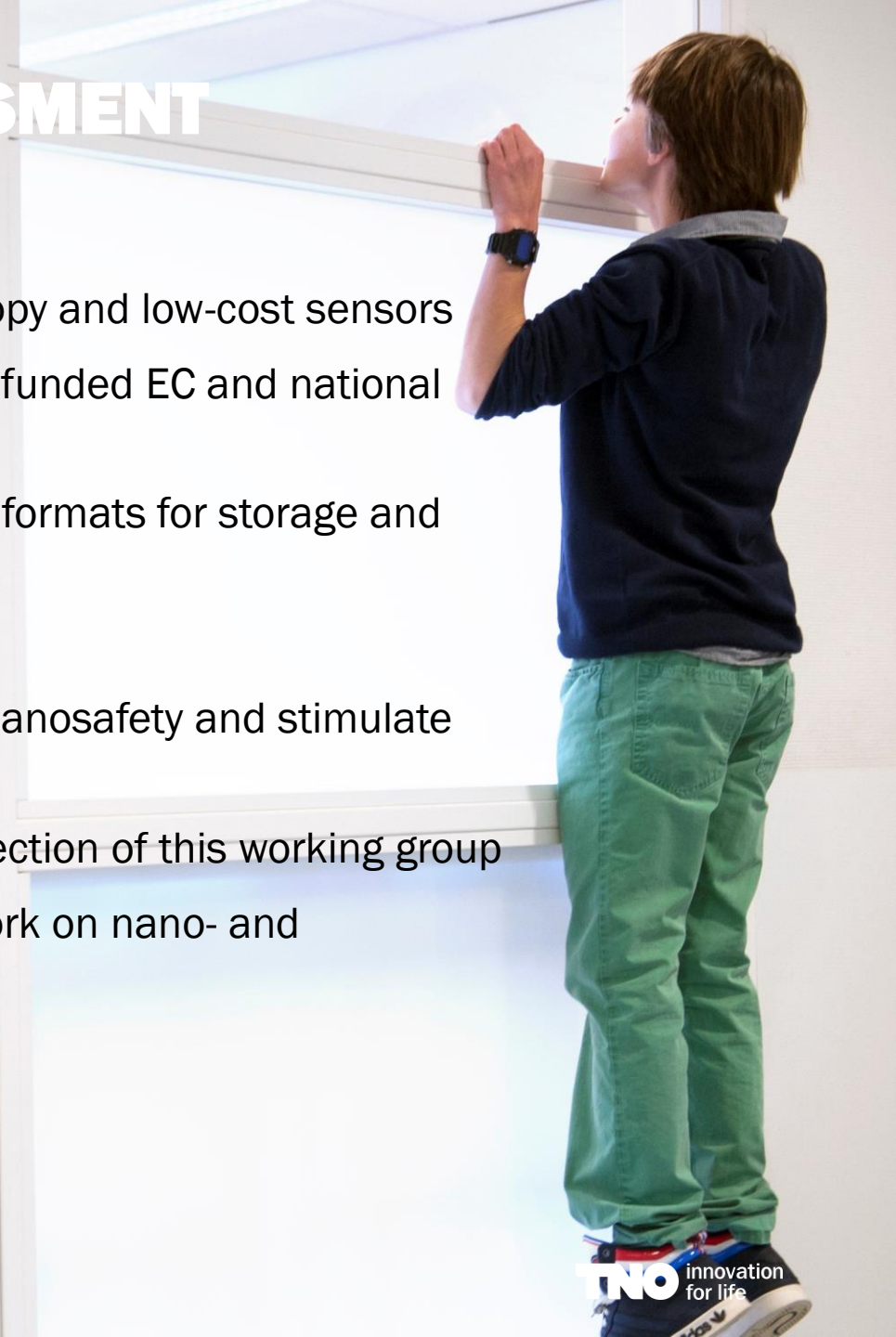
WG C EXPOSURE AND HAZARD ASSESSMENT
OBJECTIVES

- To encourage sharing of project **methods/techniques** by coordination and sharing through various means and activities. Information exchange of methods available within the Cluster. Validation of appropriate testing methods including identification of limitations.
- To encourage cross project **technical best practice** to extract, prepare and analyse samples, to characterise and quantify NM exposure properties in real product lifecycle, exposure and environmental samples.
- To encourage **sharing of project data** by coordination of transfer and hosting of libraries/(databases). Provision of results and outcome to the database (cooperation Working Group F – Data Management).
- **Dissemination** of results (cooperation with the Dissemination Group and Working Group A – Training and Education)

WG C EXPOSURE AND HAZARD ASSESSMENT

ACTIVITIES & PLANS

- CEN Round Robin testing of NM characterization by Electron Microscopy and low-cost sensors
- Contributions to the Malta project and OECD activities via a variety of funded EC and national projects
- Stimulating harmonization of data collection, analysis, reporting, and formats for storage and retrieval
- Development and agreement on research priorities
- Contribution to the recent US-EU Communities of Research (CoR) in Nanosafety and stimulate further joint activities with CoR
- Discussions with ECRs with a view of being involved further in the direction of this working group
- Further interaction with the research community and stakeholders work on nano- and microplastics
- Transfer knowledge and experience on exposure and hazard assessment to develop safe-by-design strategies
- Translate current state-of-knowledge on exposure and hazard assessment to underpin Nano Risk Governance



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THANK YOU FOR
YOUR TIME
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