



# EXPOSURE ASSESSMENT AND EXPOSURE MITIGATION

September 14-16<sup>th</sup> 2016, 16<sup>th</sup> WPMN

Presented at QEEN II: 2<sup>nd</sup> Quantifying Exposure to Engineered  
Nanomaterials from Manufactured Products Workshop

October 10, 2018



# Outline

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- Recently completed projects
- Active projects
- Future work



## Recently completed projects

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- Exposure assessment case study on nanosilver (U.S.A. and Korea)
- Strategies, Techniques and Sampling Protocols for Determining the Concentration of Manufactured Nanomaterials in Air (Australia)



## Active projects

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- Strategy for using metal impurities as carbon nanotube tracers (Canada and the Netherlands)
- Survey on consumer and environmental exposures (U.S.A. and Canada)
- Assessment of Biodurability of Nanomaterials and their Surface Ligands (S. Africa)
- Gold Nanoparticles: Occupational Exposure Assessment in a Pilot Scale Facility (S. Africa)



## Future work

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- Finalize on-going projects
- Develop exposure assessment guidance: occupational, consumer and environment
- Initiate projects on consumer and environmental exposures identified as high priority through the Survey