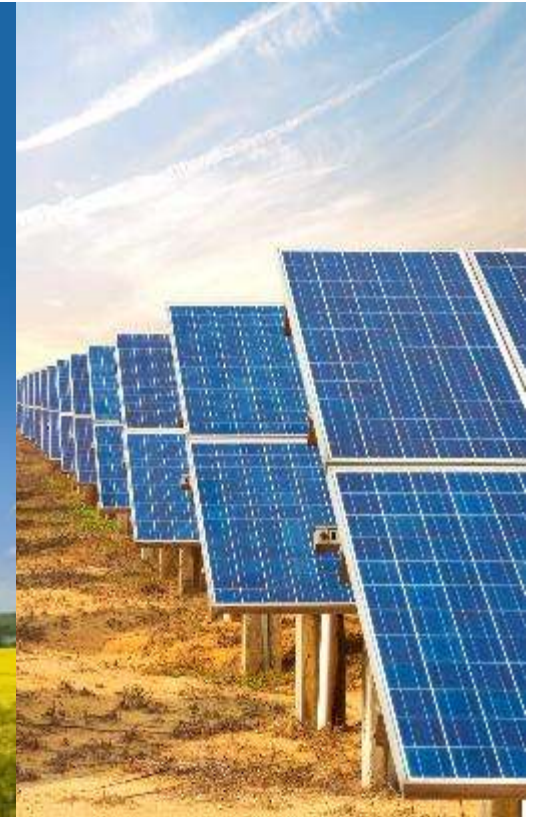




 **TISED**
Trottier
Institute for
Sustainability
in Engineering
and Design

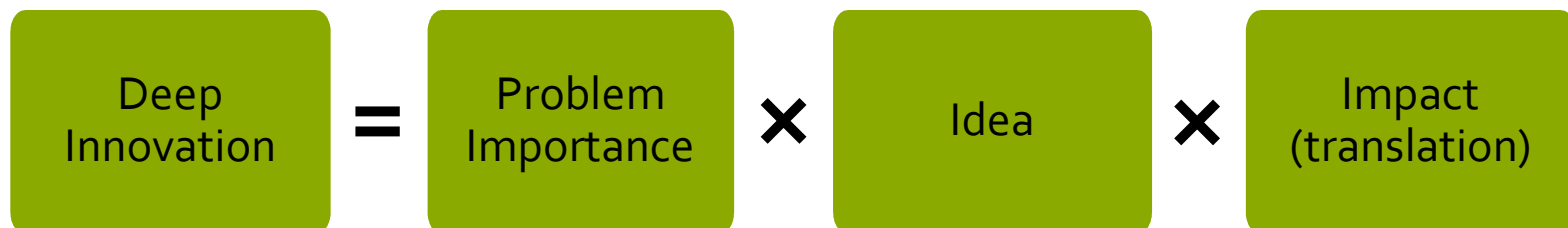
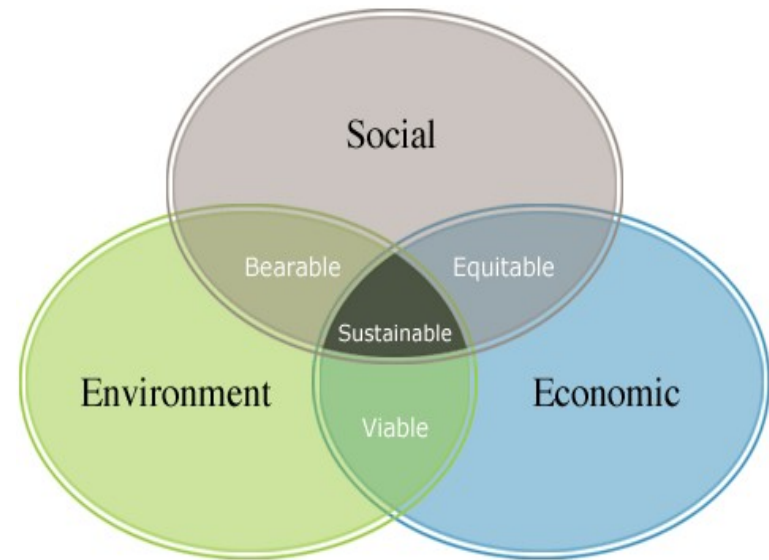
Prof. Jim Nicell
Dean, Faculty of Engineering

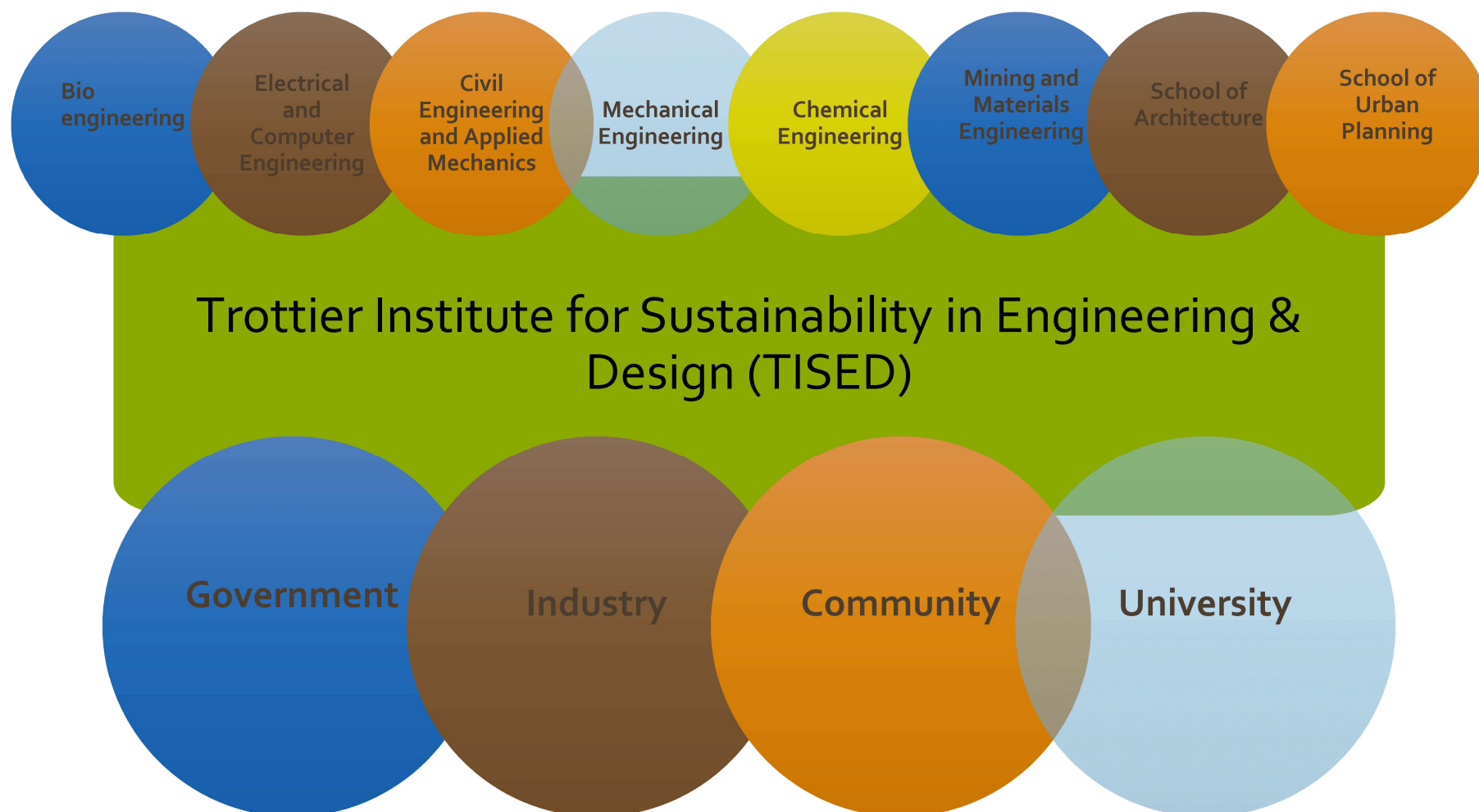
8 Feb 2017 Presentation to Senate
Standing Committee on Energy, the
Environment and Natural Resources



Sustainability requires Innovation

- Sustainability problems are essentially “**wicked**” problems
- Effective solutions require a healthy balance between **social**, **economic** and **environmental** outcomes.
- The resolution of such problems requires a deep level of **innovation** that universities are best positioned to provide.





McGill-wide Initiatives

- Schools, Institutes & Centres:
 - Brace Centre for Water Resources Management
 - McGill School of Environment
 - McGill Institute for Advanced Materials
 - McGill Institute for Aerospace Engineering
 - Trottier Institute for Science & Public Policy
 - McGill Institute for Global Food Security
 - Max Bell School of Public Policy
 - School of Population and Global Health
- Sustainability Sciences & Technology Initiative
- Royal Victoria Hospital (RVH) project:
 - Create a neighborhood to foster interactions and collaborations inside and outside McGill through planned adjacencies as well as shared spaces and resources (e.g., Discovery Hubs)
 - Focus on Sustainability Systems & Public Policy using a “systems approach”