

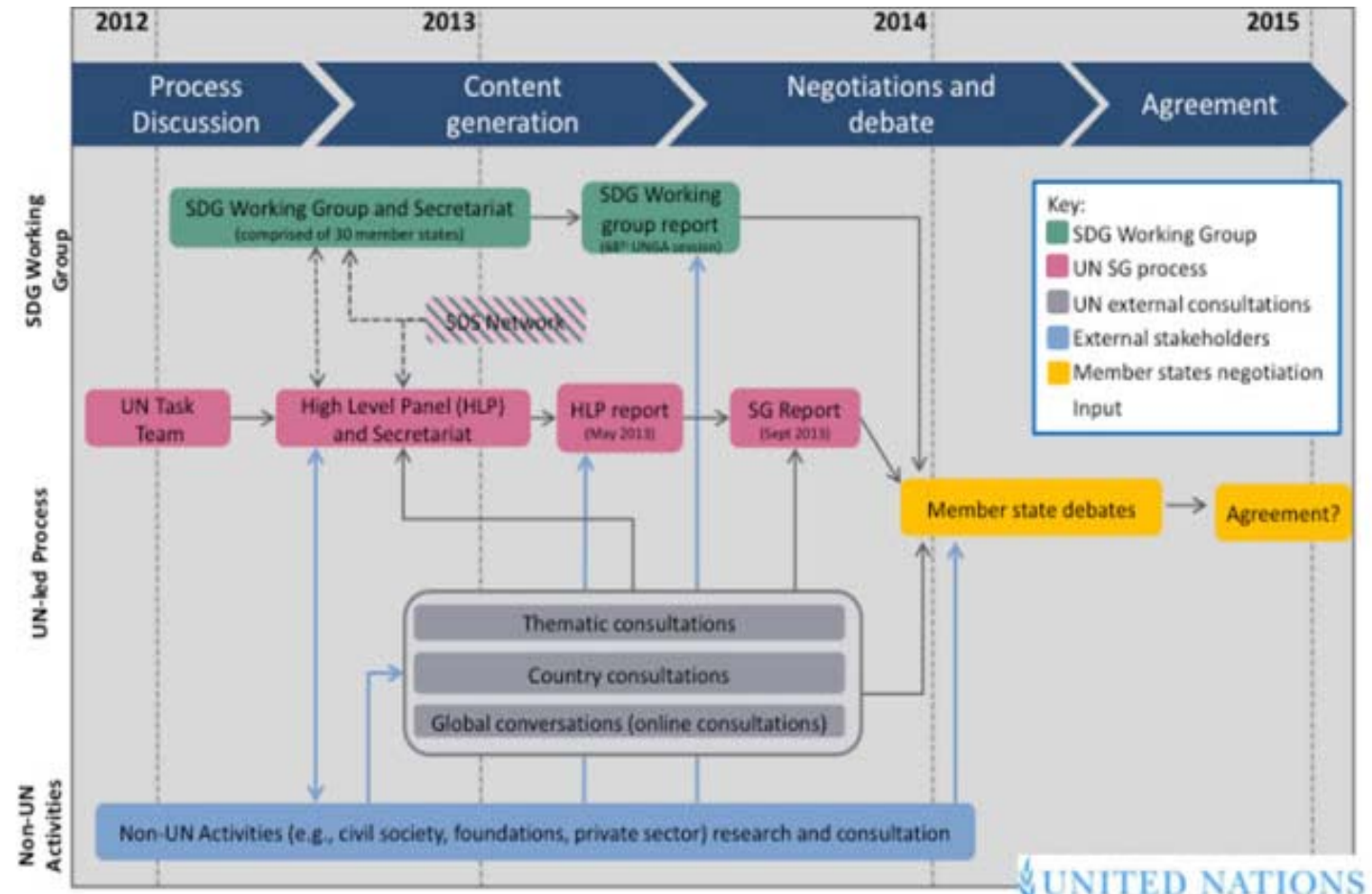


DST-NRF Centre of Excellence in  
Scientometrics and Science,  
Technology and Innovation Policy

# From MDGs to SDGs: Tasks, Challenges and Way Forward

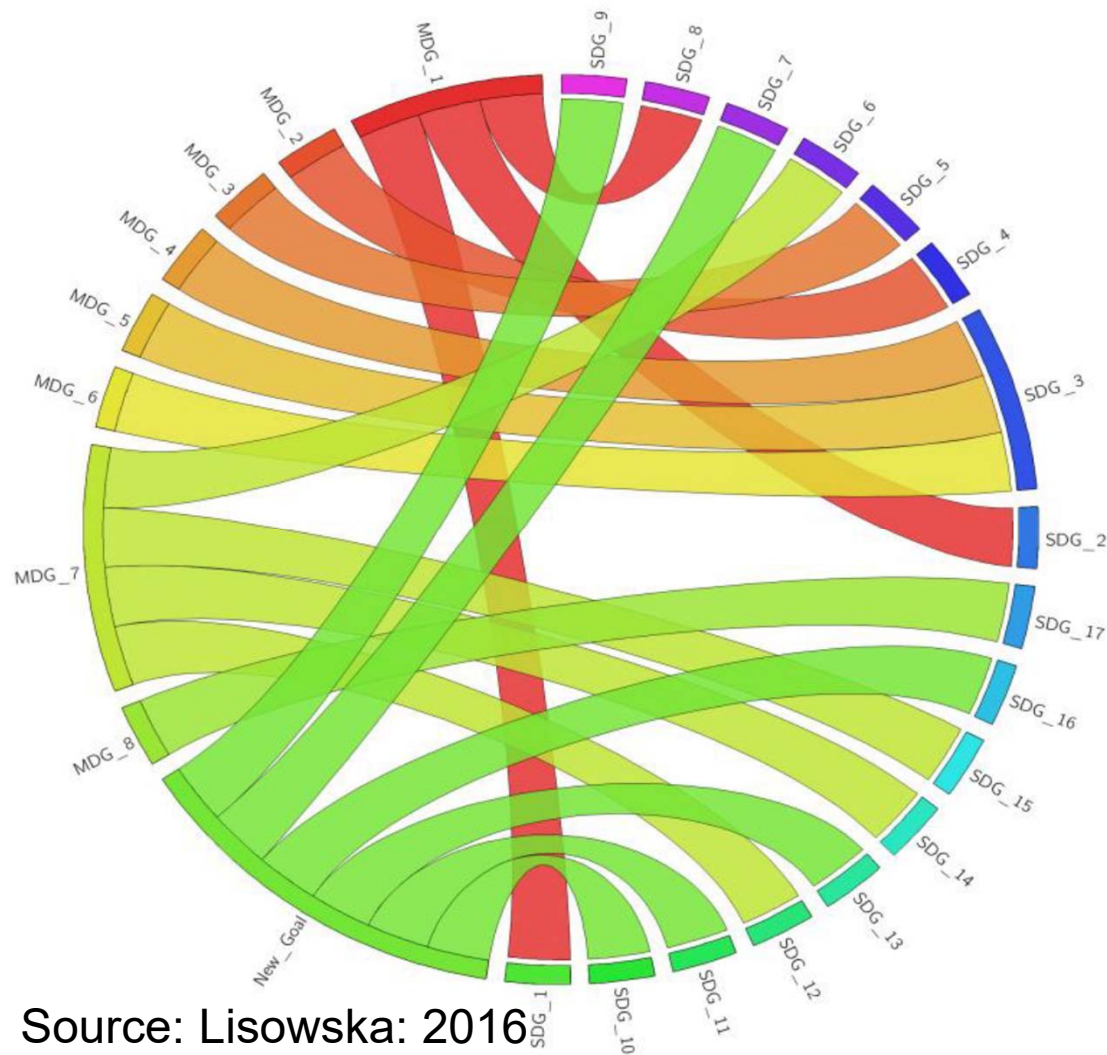
Rasigan Maharajh, PhD,  
Innovation, Inequality, and Sustainable Development,  
Plenary Session-1, IndiaLICS International Conference on Innovation and Sustainable Development,  
16 March 2016, Centre for Development Studies, Thiruvananthapuram.

- From MDGs to SDGs
- Tasks
- Challenges
- Way Forward
- References



Source: UN Foundation and Dalberg analysis

# From MDGs to SDGs



- *From:*
  - 8 to 17
  - Developing World Targets to Universal Objectives?
  - Development Finance Institution-(Bretton Woods)-defined challenges to Multilateral (UN) determined targets
  - Externally-funded to Endogenously-driven ...

# Tasks



- The SDGs consist of 17 goals and 159 corresponding targets
- “Science plays an important role for sustainable development from informing the formulation of evidence-based targets and indicators, to assessing progress, testing solutions, and identifying emerging risks and opportunities” (ICSU: 2015)
- Advancing from Quantitative Change to Qualitative Transformation

# Challenges & Way Forward

“In recent decades, Earth-system research has provided critical inputs into our understanding of the interlinkages and interdependencies between natural and social systems which can support integrated policy-planning, monitoring and review at different scales” (ICSU: 2015)

- Building the Capacity to Learn and Teach appropriately (historic, contextual, etc.)
- Generating the Capabilities for “integrated policy-planning, monitoring and review” under combined but uneven world-systems
- Expanding Competences for Managing Big Data
  - “increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national contexts”

# References

- Lisowska, Beata. 2016. The Sustainable Development Goals: Joining-up New Standards in a Disconnected World, Joined-up Data Standards Project, Discussion Paper No. 1, 10 February.
- ICSU. 2015. Review of the Sustainable Development Goals: The Science Perspective, International Council for Science: Paris.



*\*dankie\*enkosi\*ke a leboga\*ke a leboha\*  
\*ndi a livhuha\*ndza khensa\*  
\*ngiyabonga\*ngiyathokoza\*thank you\**

Obrigado

Спасибо

धन्यवाद

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