



Session 1 Current approaches to STI Policy making in the context of SDGs

-Introduction of approaches to STI policy for SDGs

19 November 2020

The Sustainable Development Goals



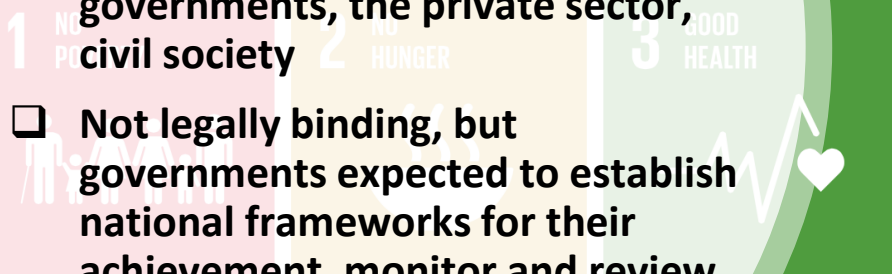
☐ 17 global goals to eradicate poverty, protect the planet and ensure prosperity for all by 2030

☐ Accepted by all countries and apply to all

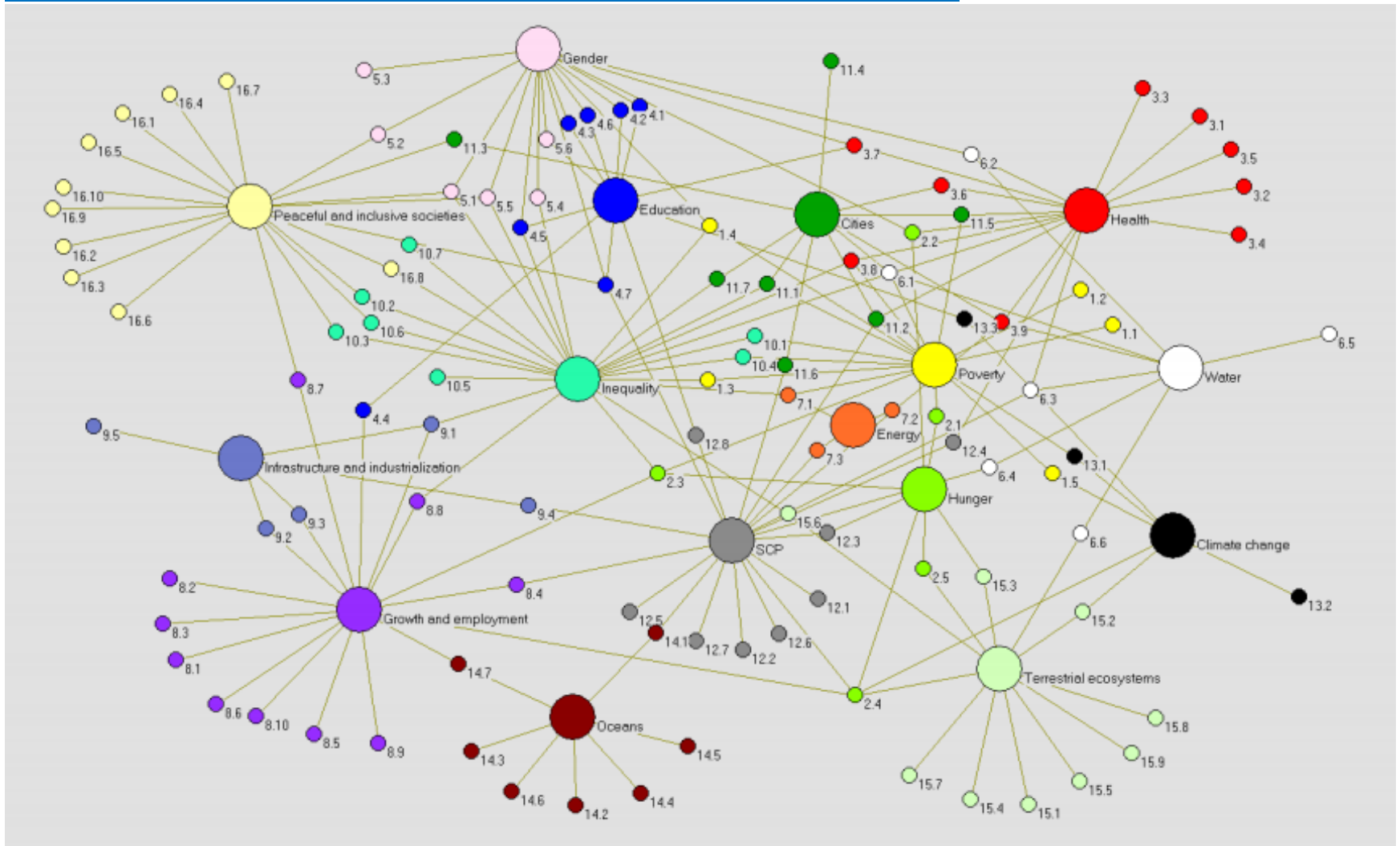
☐ Everyone has to do their part:

governments, the private sector,
civil society

☐ Not legally binding, but
governments expected to establish
national frameworks for their
achievement, monitor and review
progress



Interrelationships between Sustainable Development Goals



Source: David LeBlanc (2015). Towards integration at last? The sustainable development goals as a network of targets. DESA Working Paper No. 141.

STI is systemic...

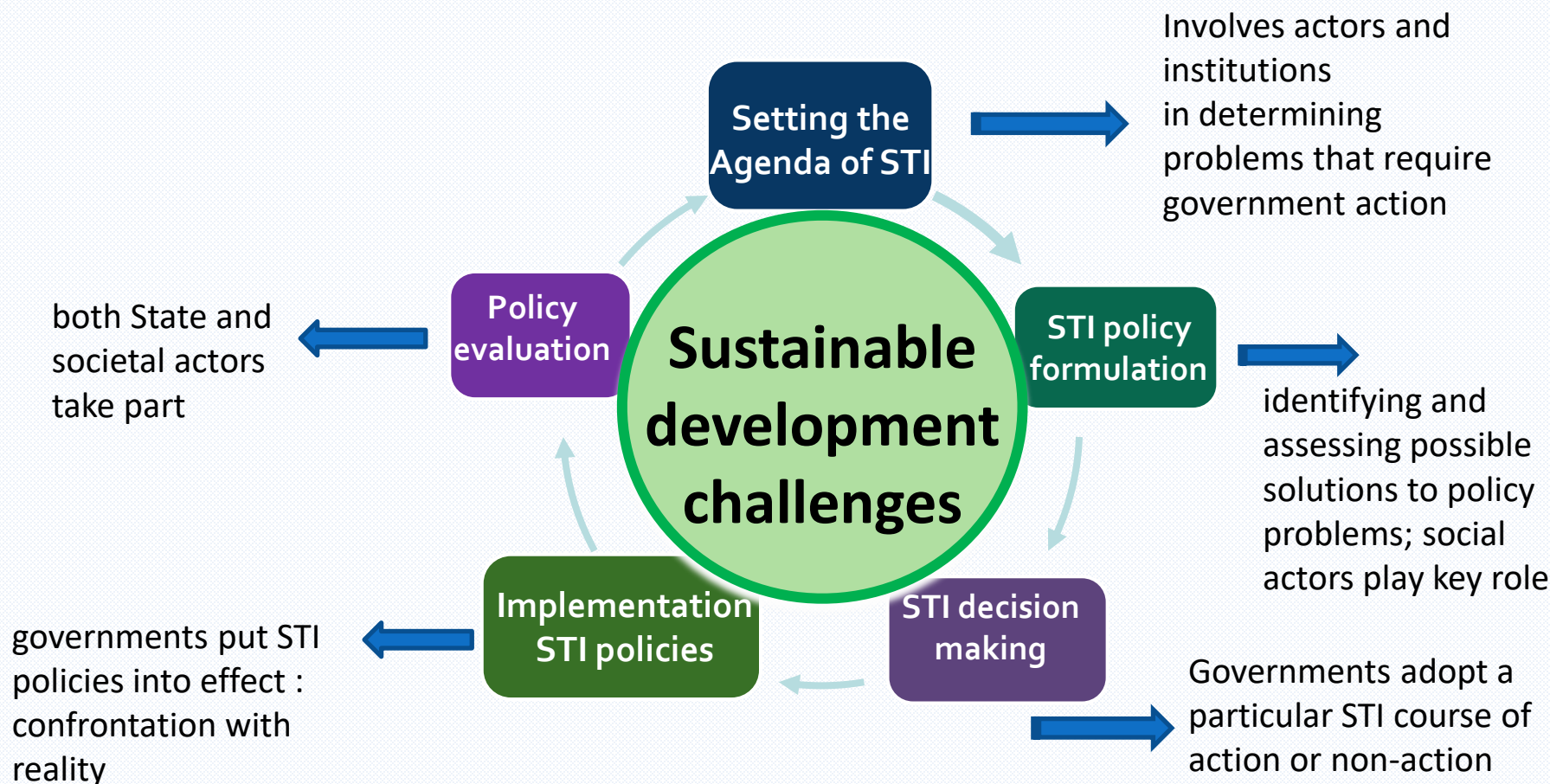
STI play a key role in achieving targets across all SDGs

- National (Regional) STI Systems
- Variety of institutions and actors
- Linkages and interactions
- Exchanges and flows
- Legal Framework
- Varieties of Policies
 - ✓ STI
 - ✓ Other



Time dimension : Where does a country want to be in 5, 10 ..years?

STI Policy Cycle : participatory processes



What a STI policy might want to address ?

- ✓ **National development plans**
- ✓ **Broad goals: Developing research, innovation, science education...**
- ✓ **Key sectorial priorities**
- ✓ **Governance framework**
- ✓ **Legal framework**
- ✓ **Organizational structure (Institutions, Private, Public, Universities, non-Profit)**
- ✓ **Policy instruments, funding mechanisms**
- ✓ **Capacity building**
- ✓ **Regional and international co-operation**
- ✓ **Gender and youth**
- ✓ **Monitoring and Evaluation**

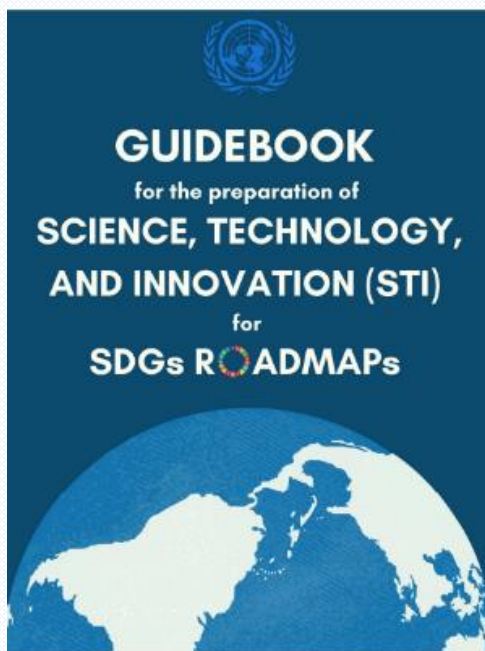
Other strategic STI policy issues in context of SDGs

- ✓ STI from a national to an international perspective, cooperation
- ✓ Fostering multi-stakeholder partnerships for investments in STI for SDGs
- ✓ Transition to Open Science: Open Access to Data and Knowledge, Open Infrastructures, Citizen Science.. more transparent and accountable to society
- ✓ Science Diplomacy
- ✓ Giving directionality in STI policies to focus of STI related targets of the SDGs
- ✓ Inclusive STI policies, gender, indigenous knowledge
- ✓ Monitor and measure contribution of STI to SDGs implementation with improved STI indicators



The UN-IATT Guidebook: example of framework

For each step the guidebook provides questions and issues that policy makers can consider while “roadmapping”



Framework for developing STI for SDG roadmaps as a series of six sequential steps



Questions for thoughts

- How to meet goals of **environmental sustainability** and at the same time **economic growth**?
- How to reframe STI policy from a unique economic rationale to **SDGs perspective**?
- What frameworks for STI are needed for **inclusion in decision-making**?
- What priority areas for action to **embed SDGs within STI policy frameworks**?
- How to define **directionality and concrete mission goals** responding to environmental and societal needs within STI policies?
- How to **align STI governance structures** to the global SDGs framework? (*policy advice, steering and funding, co-ordination, and evaluation and monitoring...*)

Thank you



UNESCO