

# **An Overview of UN Technology Initiatives**



**Preliminary lessons learnt**

**Presentation by**

**Inter-agency Working Group on a Technology  
Facilitation Mechanism**

*June 22 2015*

# Online knowledge hub and information-sharing platform

	Scope of platform functions	Operational implications
<b><u>Option 1 (Online repository):</u></b> “Single window” portal to access the range of UN platforms and resources on STI	Repository and mapping of STI-related UN resources, platforms and activities, and directory of partnerships. Periodic updates and news. Limited inter-operability with UN platforms.	Small maintenance team (content and IT). Low cost.
<b><u>Option 2 (Community of practice):</u></b> “Single-Window” portal supported by communities of practice (COP) and various partnerships, going beyond the UN system	All of the above plus: Content exchange with public and private users, including through forums and partnerships. Community-of-practice, user-generated content, tools for knowledge capture. Quality assurance, common taxonomies, user ID and access control, and wiki-type metadata architecture.	Interagency team of several staff with multi-stakeholder participation. Moderate cost.
<b><u>Option 3 (Capacity building platform):</u></b> “Single-Window” portal and channel for operational delivery, supported by COP and partnerships, together with a coordinated capacity building programme	All of the above plus: Functions related to a coordinated STI capacity building programme, with online and offline delivery, content coordination and integration.	Interagency technical and programmatic management team with multi-stakeholder governance. Higher cost.



## Platform for Dynamic Exchange of Knowledge and Experiences

A technology facilitation information-sharing knowledge hub

[learn more](#)



### Knowledgebase

An online knowledge hub of relevant technologies with information-sharing on experience, good practices, lessons learned; enhance coordination and cooperation; support "matchmaking" between technology supply and needs

[Enter](#)



### Interactive Tools

Online tools for data visualization and knowledge capture for technology clusters and policy areas under SDGs and targets. It also facilitate exchanges of dynamic contents base on mapping of UN facilitation initiatives and open information channel on demands and non-UN initiatives

[Enter](#)



### Forums

Discussion forums on relevant issues related to science, technology and innovation to promote networking among governments, private sector, academics and others active in technology promotion, development and transfer, and build multi-stakeholder partnerships

[Enter](#)



### Inter-agency Working Groups

Coordinate UN system work for optimal efficiency of delivery and promote technology cooperation. Identify synergy and cooperation and promote partnerships in support of the SDGs

[Enter](#)



### Capacity Building Programmes

Built incrementally on existing programmes by the UN system, development banks, and international organizations; to partnership with academic consortia, national R&D labs, and the business sector

[Enter](#)

### What is new on the platform



- Interactive Interface – enables users to contribute to the GTF Hub (other than mutual technical and capacity building)
- Platform Nodes and Core Modules – provides limited and functional number of key areas where the platform structure remains relatively

### Top News



- Platform for the UN system's technology facilitation activities, built on a common
- Promote coordination, synergies and delivery on technology issues while



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## What is new on the platform



- Interactive Interface – enables users to contribute to the GTF Hub (other than mutual learning) and captures tacit knowledge.
- Provides structured navigation of the online knowledge platform's resources by browsing categories (e.g. modules, nodes, topics, etc.), through keyword search.
- Platform Nodes and Core Modules – provides limited and functional number of key areas where the platform structure remains relatively stable over time.
- Information Repository - provides detailed information and analysis on related topics Indicators, Typologies, Briefs, Case Studies, Country Profiles and Methods Notes .

## Top News



- Platform for the UN system's technology facilitation activities, built on a common knowledge base.
- Increase the visibility of the Global Technology Facilitation Platform as a clearing house for existing initiatives.
- Promote coordination, synergies and delivery on technology issues while ensuring the participation of all relevant stakeholders.
- Map out new and emerging platforms and resources in the field of Global Technology to form a consolidated "Delivery as One" tool.

## Recent Publications & Reports

- Corporate tax reductions for R&D; Incentives via social contributions
- University / lab funding; contract research; equipment sharing
- Collaborative grant; reimbursable loan; R&D prize; strategic program
- Public venture capital funds; loss underwriting and guarantees
- Entrepreneur training; researchers exchange; subsidy for R&D labor
- Contact / patent database; technology fairs; benchmarking
- Science park; incubation center; foresight exercise; science diplomacy

## Events



Sections about activities and events

Information about the networks and donors are included to provide an

overview to outsiders, the platform also allow access to detailed information on global technology facilitation's work down to the level of individual projects of global technology facilitation member agencies.

## Popular Communities



Collaborative spaces

Allow internal users to create collaborative spaces to easily upload

## Top Knowledgebases

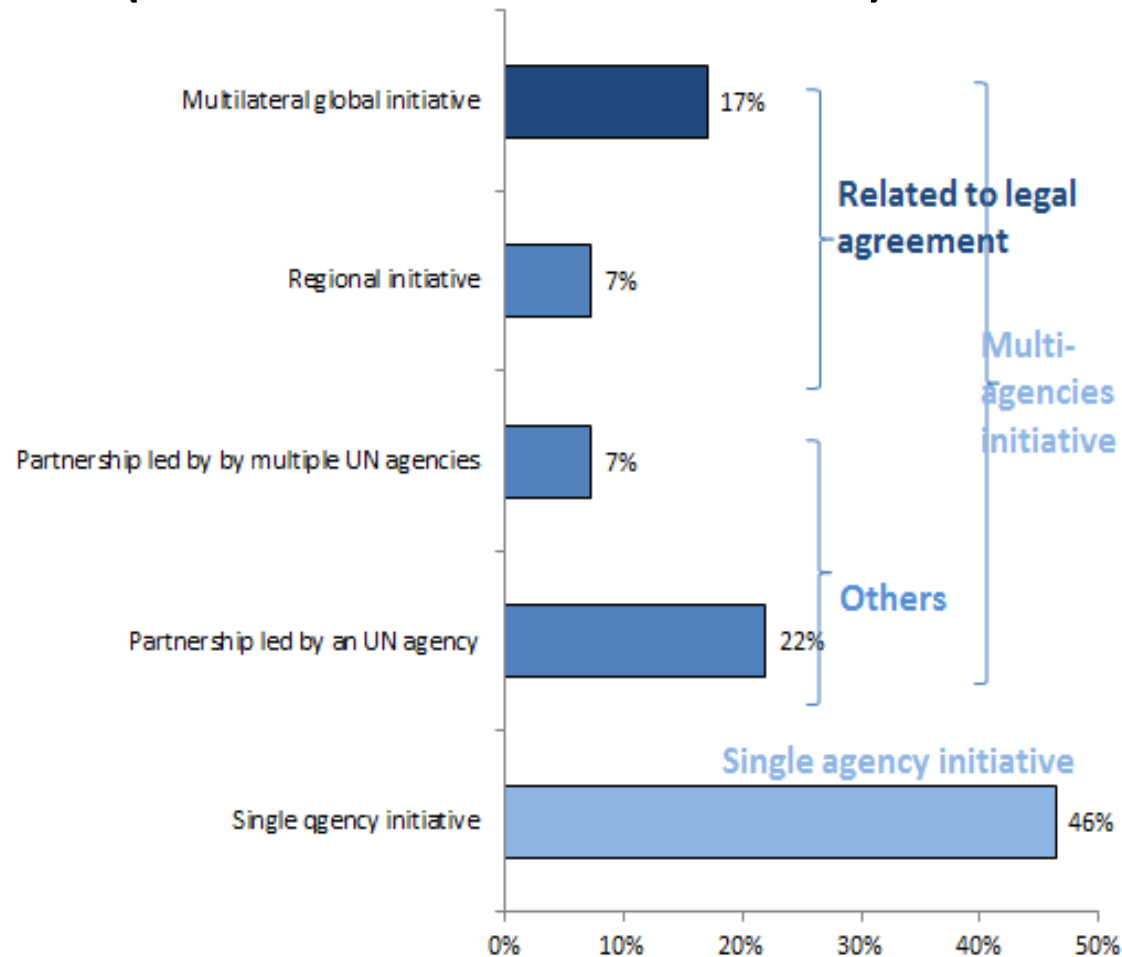
- Innovation Policy
- Country Profiles
- Policy Reviews
- Research
- Expertise
- Guideline

## Most Accessed Tools

- Technology & Innovation
- Information Economy Reports
- Cybersecurity
- Health Projects
- Child Protection
- Environmental

# Institutional arrangement

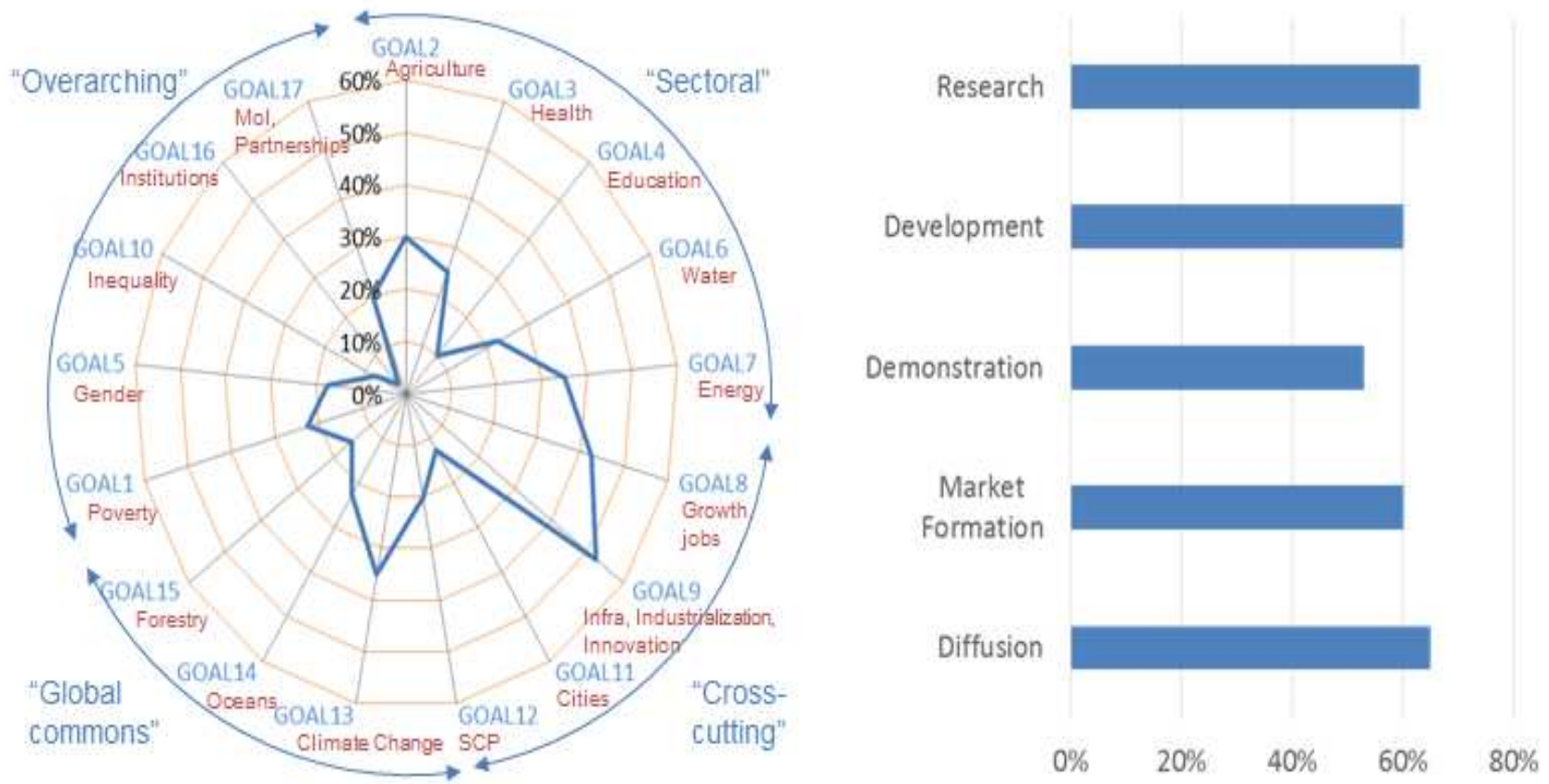
**Chart 1: Typology of initiatives with respect to institutional arrangement  
(% share out of total 40 initiatives)**



Source: IAWG Survey (2015).

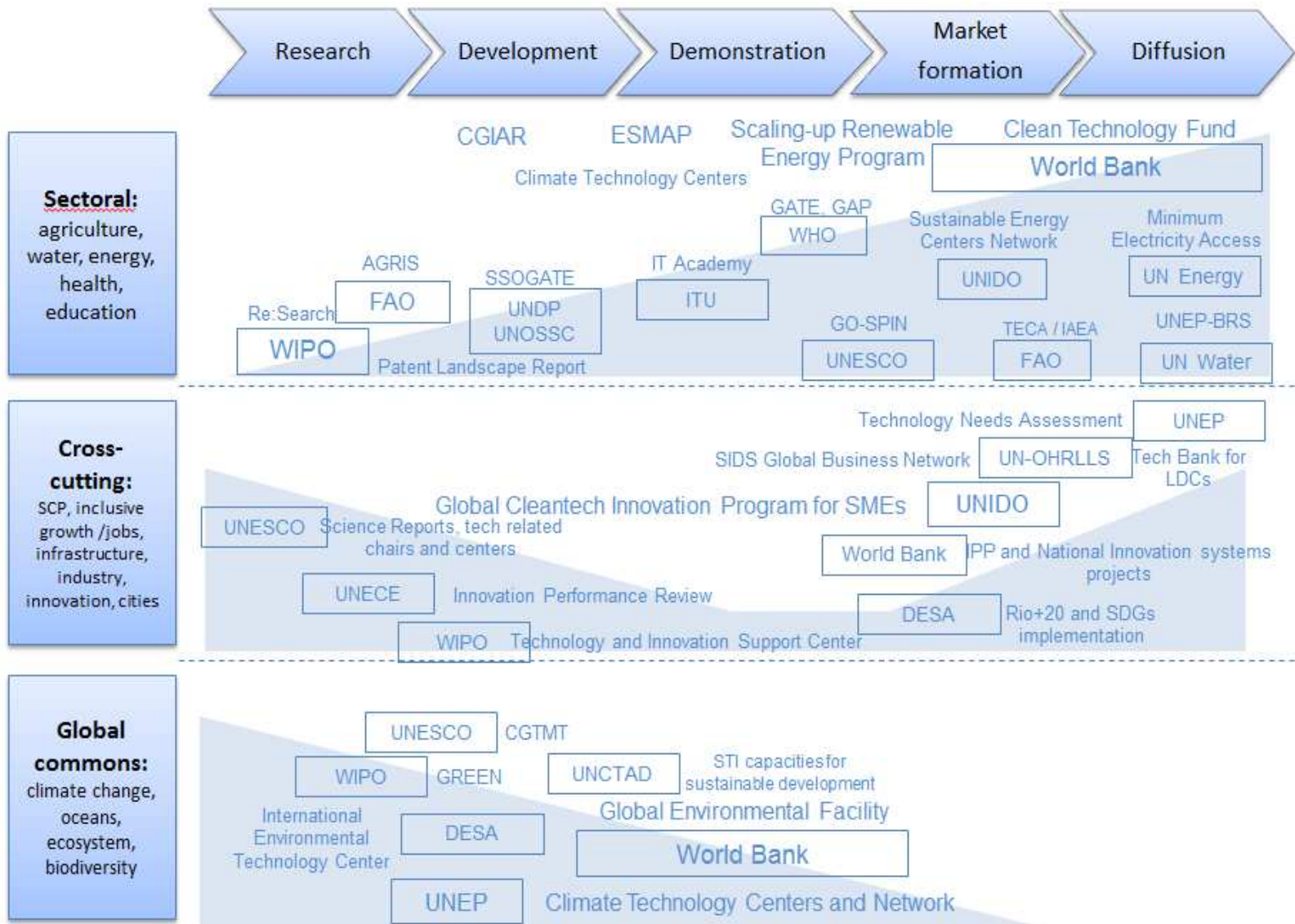
# Coverage

## Chart 2: Coverage of SDGs and Technology Cycle



Source: IAWG Survey (2015).

# Distribution of resources across the types of SDGs and technology cycle



## Lessons learnt: coordinated STI Capacity building programme needed

- The surveyed STI initiatives differ greatly in terms of their approach, content focus, target groups, working methods, and size.
- Hence, when mapped against these dimensions, gaps and “fragmentation” in the STI capacity development system become apparent.
- So, **coordinated STI Capacity building programme would be valuable**



## Lessons learnt: Forum on STI for the SDGs

- Some forums are focusing on global policies and policy frameworks, while others are more technical in nature, focusing on specific area of works for filling knowledge gaps and agreeing on global technology related standards. Few forums are focusing on match-making and assisting technology implementation in a local context.
- There is a need for a regular forum for exchange of experience and for forging of collaborations on STI for the SDGs among public and private actors in developed and developing countries alike.

Thank you!

Comments are welcome!