

WEBINAR ON PROMOTING GRASSROOTS INNOVATION

Inclusive Technology and Innovation Policies

Presented by:

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Inclusive technology & innovation

- Technology and innovation are a driving force behind economic growth. They also provide immense opportunities for society and the environment.
- Not everyone has benefited from these opportunities.

Public policies are required to ensure everyone can benefit from technology & innovation

Overall objectives? Who benefits? Who participates? Who oversees?

- Inclusive technology and innovation serve the welfare of lower-income/ excluded groups
‘Innovations *for* the poor’ and ‘Innovations *by* the poor’

Strategy

Strategic approaches

- Crafting STI policies x inclusive outcomes
- Mission-oriented policies directly addressing inclusivity challenges
- Technology appraisals from an inclusivity lens

Promoting inclusive technology & innovation

- Public research programs on enhancing inclusivity
- Development, diffusion of 'appropriate' tech.
- Supporting grassroots innovations
- Facilitating international technology transfer

Promoting inclusive growth

- Promoting inclusive businesses
- Empowering SMEs to innovate
- Enabling SMEs to participate in the digital economy

Removing barriers to technology

- Supporting STEM careers & education for women
- Promoting assistive tech. for persons with disability

Asia – Pacific hosts some of the more transformative efforts to use technology and innovation for inclusive development

Strategy

Country example

Strategic approaches

- Crafting STI policies x inclusive outcomes
- Mission-oriented policies directly addressing inclusivity challenges
- Technology appraisals from an inclusivity lens



5th Science and Technology Basic Plan
Aadhar' digital ID for financial inclusion

Promoting inclusive technology & innovation

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5th Science and Technology Basic Plan
Research on social problems
Empowering rural communities



Honeybee network, GIAN and NIF



Small-scale hydropower

Promoting inclusive growth

- Promoting inclusive businesses
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Sagip Saka' Bill (2017); 'Go Local!'



SPRING; Collaborative Industry Project



Rumah Kreative Bumh

Removing barriers to technology

- Supporting STEM careers & education for women
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Malaysia Education Blueprint (2013-25)



Research on assistive technologies for people with disabilities

Policies & strategies for promoting grassroots innovations

- Top-down policies can help spur the emergence, growth and diffusion of grassroots innovation
- ESCAP's work focuses on encouraging governments to adopt policies & strategies that support grassroots innovations.

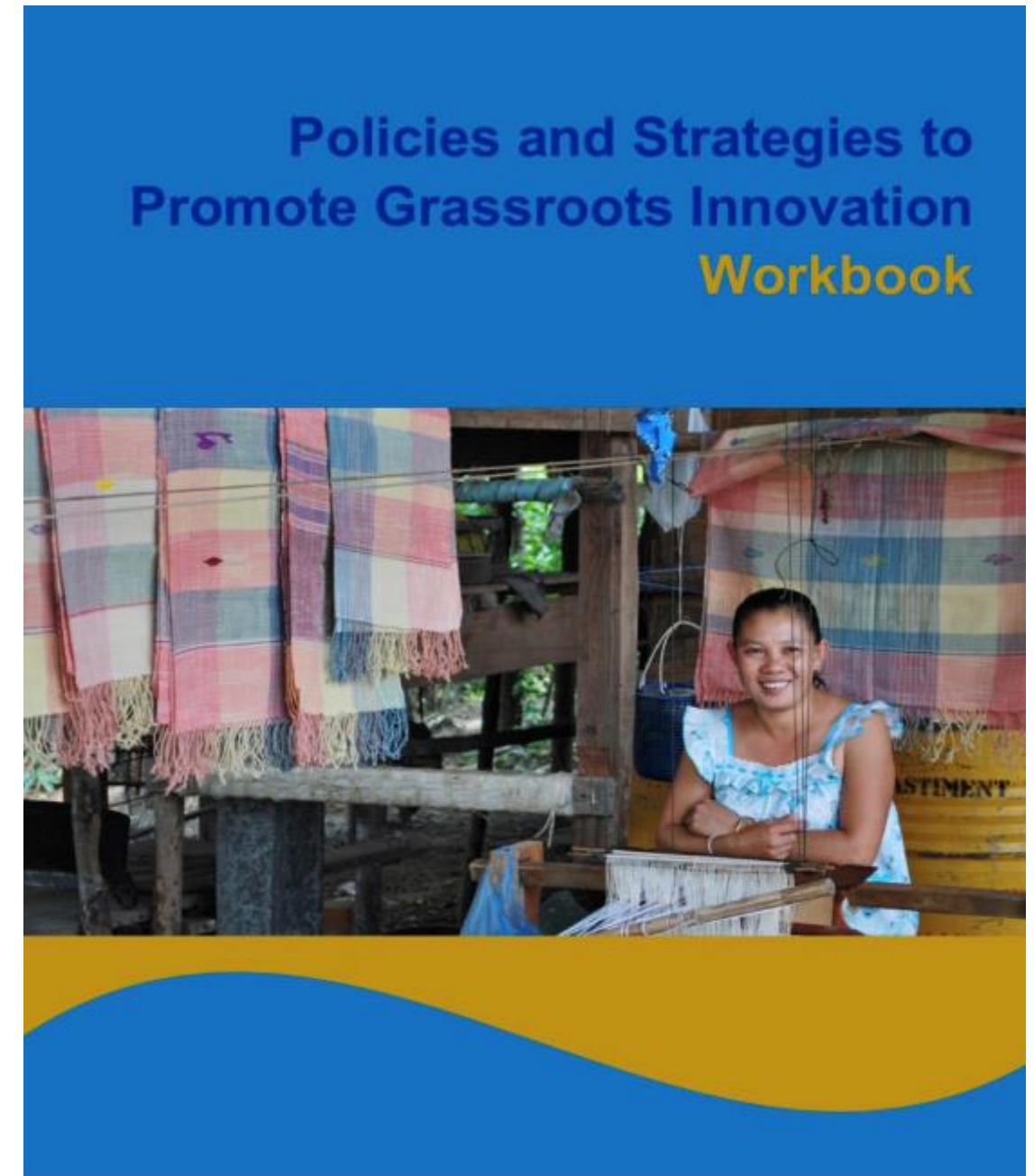
Our support

- **Workshop to Promote Grassroots Innovations** - January 2019 Ahmedabad
- **Session on Promoting Grassroots Innovations, Asia-Pacific Innovation Forum** - June 2019, Teheran
- **DOST Grassroots Innovation- Launching and Forum** - 20 July 2019, Manila
- **YIM Grassroots Innovation Dialogue** - October 2019, Kuala Lumpur
- **Launch of Workbook on Policies and Strategies for Promoting Grassroots Innovation** - August 2020

Policies & strategies for promoting grassroots innovations

Workbook

- Drafted by Prof. Anil Gupta and Dr. Anamika Dey
- To generate awareness on grassroots innovations and how to promote them
- Based on the experience of the Honey Bee Network and GIAN
- Reflection tool (questions at the end of each section; self-assessment)
- Free to share
- Available to be translated – just request permission



Grassroots innovations (GI)		ASSESSMENT of your ecosystem					NEED I would need support for ..	OFFER I can offer to support on ...
		1 Weak	2	3	4	5 Strong		
Awareness	Among policy makers							
	Among grassroots communities							
Public support for GI	Public policy explicitly supports GI							
	Initiatives at federal level							
	Initiatives at state level							
	Initiatives at district level							
Discovering GI	Scouting: diversity of channels used							
	Prior art research							
Developing & incubating GI	Validation and value addition							
	Incubation (facilities, entrepreneurial skills, technical skills, mentoring)							
Diffusion	Database of GI and TK available							
	Adoption in extension services							
Intellectual property rights	Use of IP to protect GI							
	Use of patent information to innovate							
	Use of open access							
Financing	R&D							
	Incubation							
	Infrastructure (labs)							
Linkages	Platforms							
	Intermediary organisations							
	Incentives (recognition, financial) to link							

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Thank you for listening!

