

EaP GREEN

Partnership for Environment and Growth



This project is
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Regional Resource Efficient and Cleaner Production Demonstration Project

(EaP GREEN 3.1)

Progress Report

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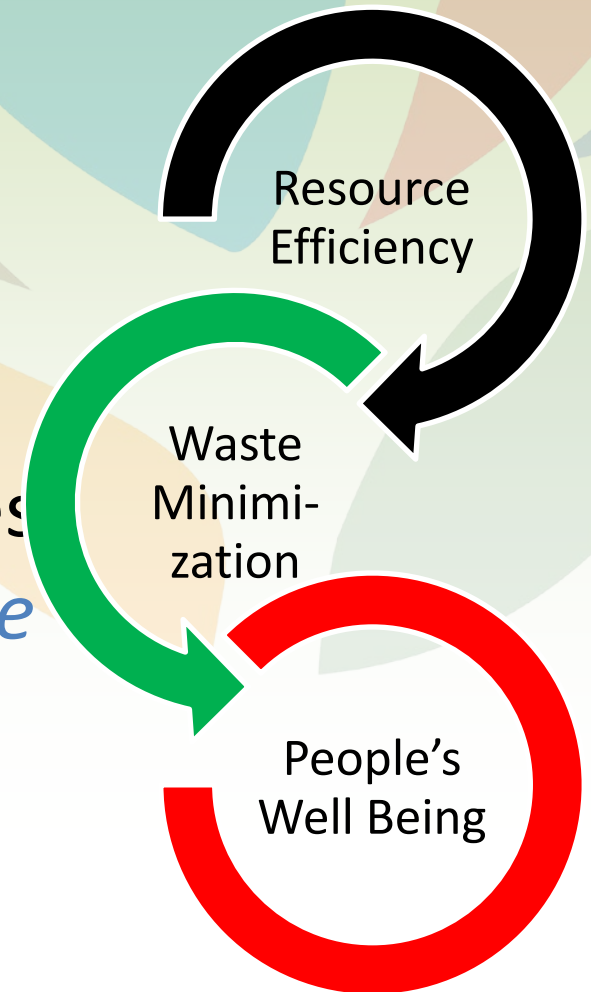
Industrial Resource Efficiency Unit

United Nations Industrial Development Organization

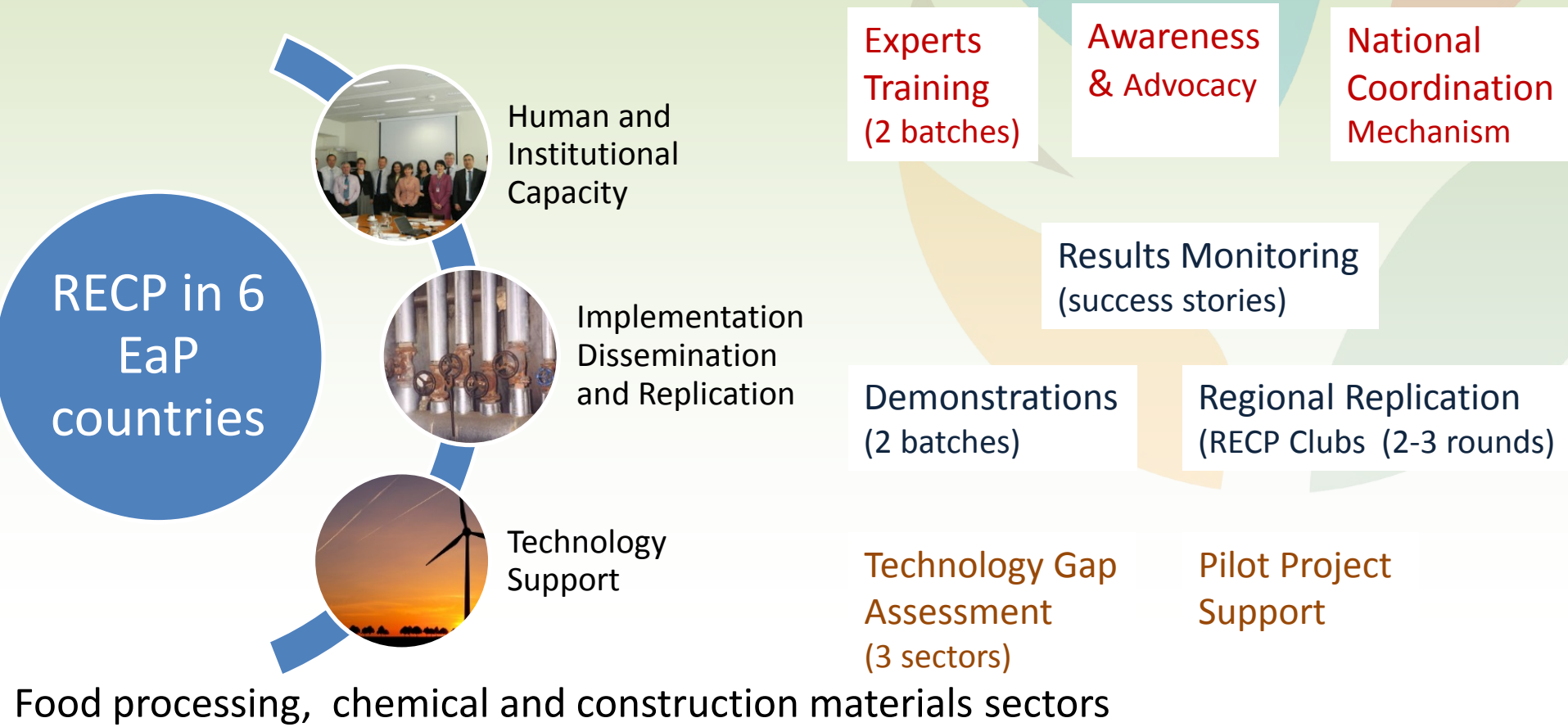


Resource Efficient and Cleaner Production (RECP)

- *Integrated* and *continued* application of *preventive environmental* practices and *total productivity* techniques to processes, products and services to *increase efficiency* and *reduce risks* to humans and environment



EaP GREEN: RECP Demonstration Component



3.1.1 Human and Institutional Capacity Development

Regional	National
<ul style="list-style-type: none">• 2nd and 3rd coordination and planning meetings• Back to back training on RECP Financing and RECP Technologies for target sectors	<ul style="list-style-type: none">• Completed first round of expert training in all countries – 52 experts qualified for UNIDO RECP award• Inter-ministerial steering committees operational in 5 countries• Seven consultative dialogues on RECP domestication covering all countries (jointly with UNU – IAS)



UNITED NATIONS
UNIVERSITY

UNU-IAS

Institute for the Advanced Study
of Sustainability

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3.1.2 Implementation, Dissemination and Replication

Regional	National
<ul style="list-style-type: none">Started with regional self assessment guide	<ul style="list-style-type: none">Completed first round of RECP demonstrations in 45 SMEs from 3 target sectors across six countriesNational dissemination conferences organized in 4 countries (ARM, AZR, BEL and GEO)Case booklet published for ARM and under preparation in other countriesRECP Clubs started in two municipalities in Moldova



Asphalt Plant #1, Tbilisi

MEASURES	FINANCIAL BENEFITS			ENVIRONMENTAL BEBEFITS	
	Investments [€]	Savings [€/y]	Payback [y]	Energy [MJ/y]	Material [Units/y]
1. Covering the stock of inert material with a waterproof film	2 900	10 530	0.3	1 259 700	
2. Thermal insulation of metal pipes for bitumen supply.	1 800	7 350	0.3	813 480	
3. Application of invertors	5 500	2 550	2.2	138 600	
4. Safety measures	3 000	n/a	n/a		
5. Installation of electronic faucets	350	520	0.8		280 m ³ water
TOTAL	13 550	20 950	0.6	2211780	



3.1.3 RECP Technology Support

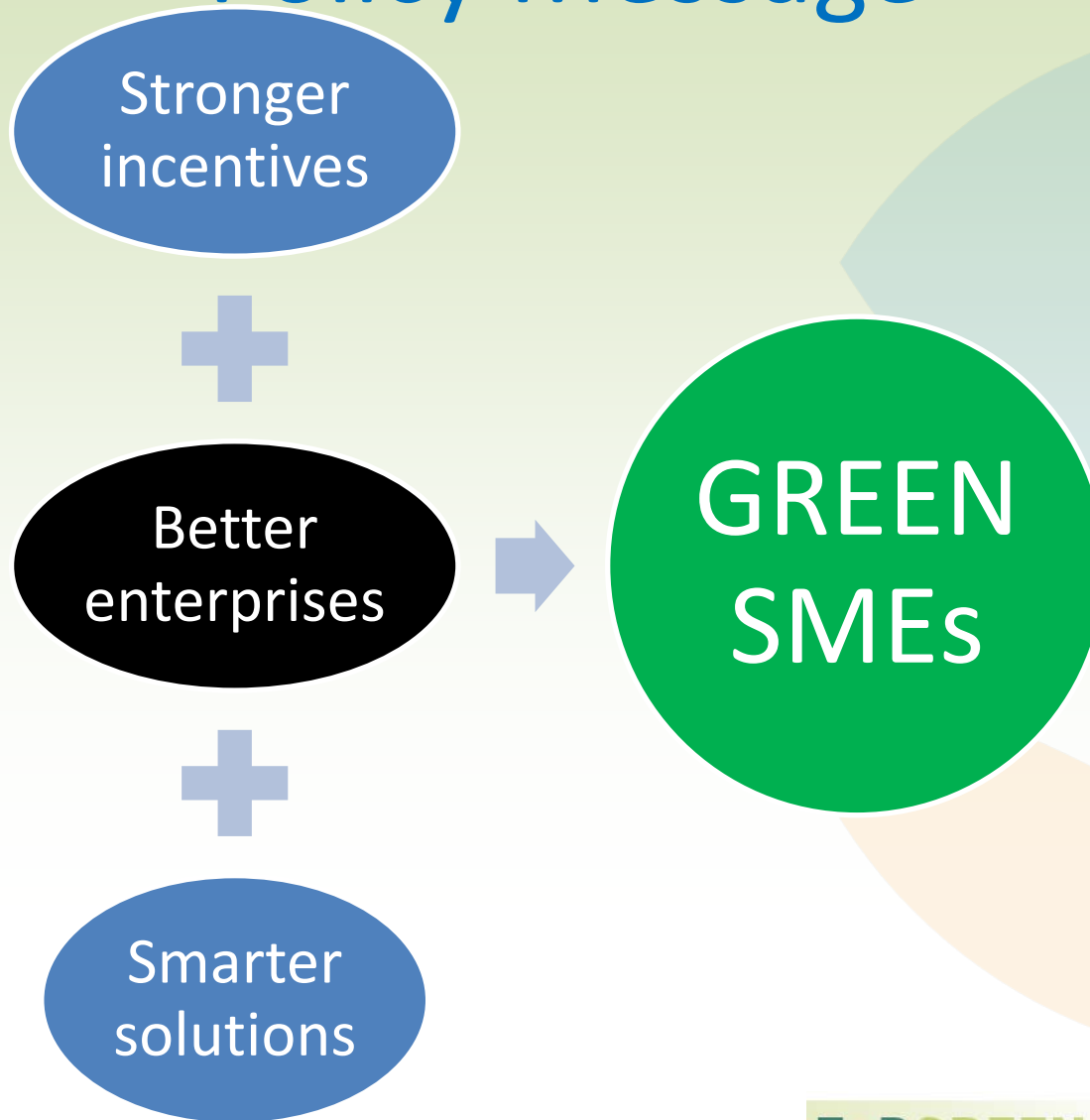
Regional	National
<ul style="list-style-type: none">Regional training on RECP technologies for food, construction materials and chemical sectors	<ul style="list-style-type: none">National roundtable on financing for RECP investment, jointly with DBA



Messages for Enterprises

- RECP generally makes good business sense
 - Operational costs savings, productivity and quality improvements and reduction of environmental impacts
- Yet
 - Site specific assessment needed to determine most appropriate solutions
 - Realization of benefits contingent on :
 - Entrepreneurial capacities
 - Policy and regulatory certainty
 - Market expectations and acceptance
 - Real costs for energy, water, waste, waste water and compliance

Policy Message



Policy Message: *Incentivize*

- Make it urgent for SMEs to address their resource, environment and climate issues
 - Set up schemes that recognize and reward good performance
 - Ensure full compliance and set long term goals
 - Use fiscal and pricing instruments that value natural assets

Policy Message: *Ease*

- Make it easier for SMEs to adapt and adopt green techniques and practices
 - Improve the Accessibility
 - Improve the Applicability
 - Improve the Affordability
- For information, advisory services, techniques and finance



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Thank You

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www.eap-green.org

www.unido.org/cp

www.recpnet.org

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REPUBLIC OF SLOVENIA
GOVERNMENT OF THE REPUBLIC OF SLOVENIA



Oesterreichische Entwicklungsbank AG

