



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



Green Industry



Green Industry Initiative: establishing partnerships for sustainable recycling industries at local level

**IPLA Global Forum, Sao Paulo, 9th September 2014
Elisabeth Herbeck, UNIDO**



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A few facts about UNIDO



Li Yong

Former Vice-Minister of
Finance of China

700 staff members at
Headquarters (Vienna) &
in offices worldwide

3000 experts/year
50% from developing
countries



172 Member
States

TA for future
implementation:
€500 million

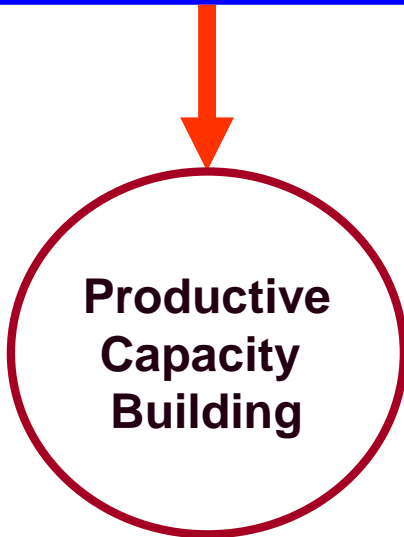
Established in 1966 & UN Specialized Agency since 1986

UNIDO 15th General Conference in Lima reconfirmed UNIDO's mandate on
Inclusive & Sustainable Industrial Development (ISID)

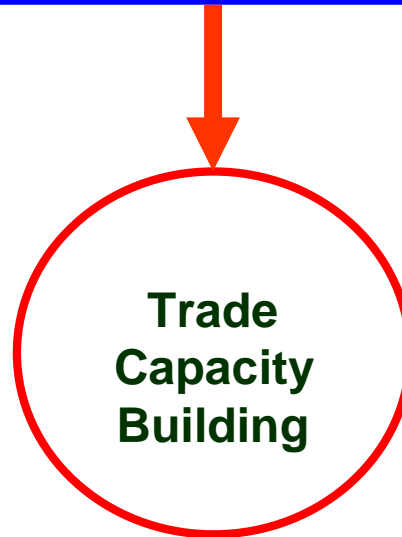


UNIDO mandate

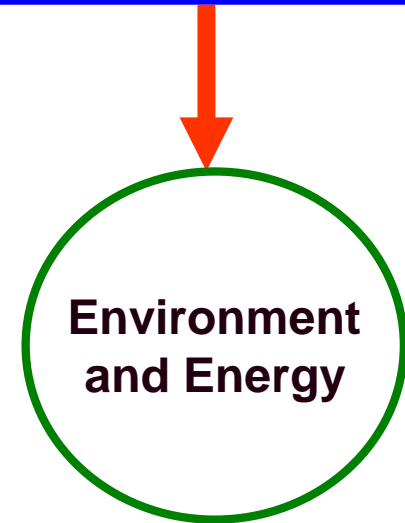
**Industrial Development for poverty reduction,
inclusive globalization and environmental sustainability**



Inclusive industry



Competitive Industry



Green industry



Global Platforms for Structural Change

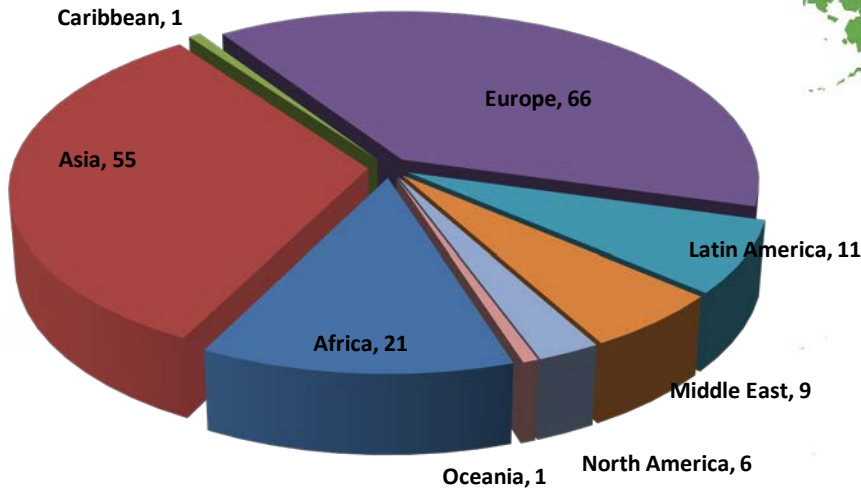
- **Green Industry Platform (GIP) and member of EREP**
 - Global platforms to boost resource efficiency and green industry
 - GIP Launched in Rio+20: J. Potočnik, M. Barbut, A. Steiner
- **Sustainable Energy for All (SE4ALL) & Vienna Energy Forum (VEF)**
 - Commitments: 61 governments, businesses: \$50+ billion, 1bn beneficiaries
 - VEF key note speakers: A. Schwarzenegger, Dr. Chambas, etc.
- **Accelerated Agri-business and Agro-industry Initiative (3ADI)**
 - Regional high level conferences (incl. Abuja 2010)
 - 15+ countries already globally to work under 3ADI



Green Industry Platform: Membership

170
*Platform
Members*

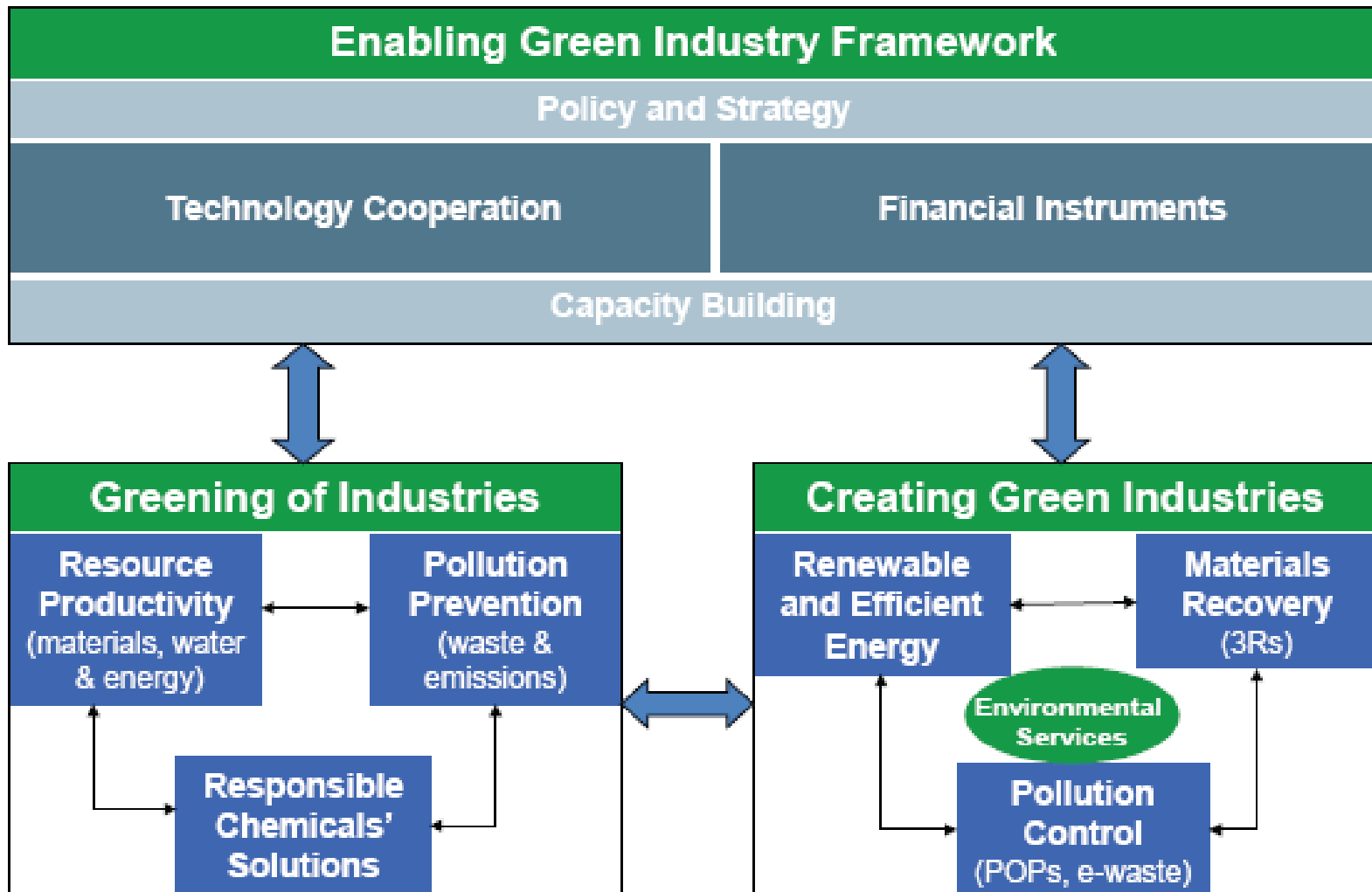
- > 26 Governments
- > 84 Businesses
- > 60 Int'l, Business, Civil Society Organizations



A global high-level, multi-stakeholder partnership intended to act as a forum to catalyze, mobilize and mainstream action on Green Industry around the world.

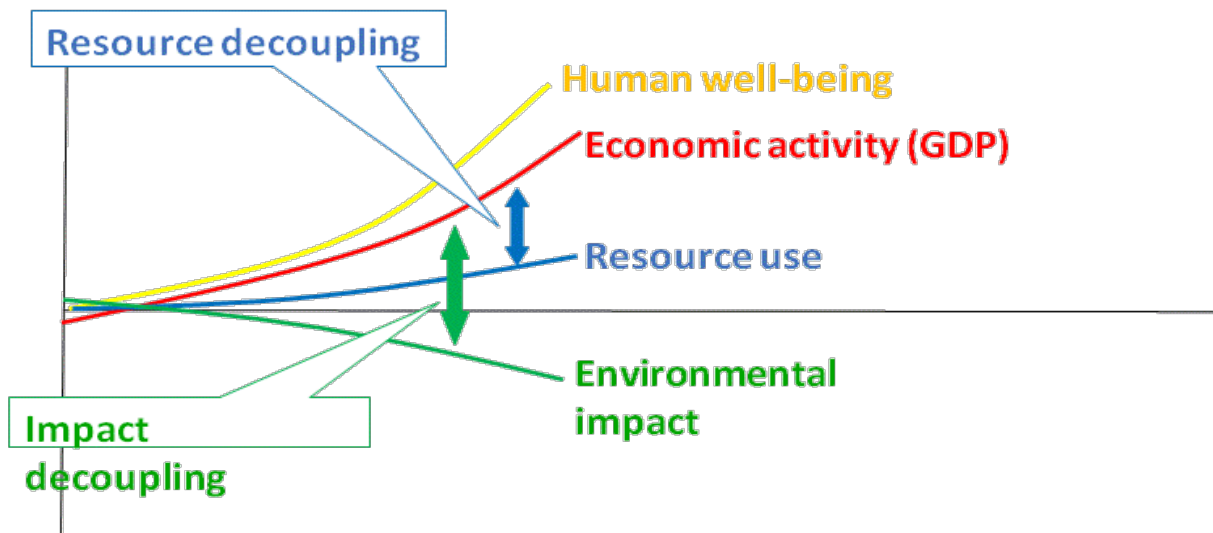


The Green Industry Initiative





Benefits of Green Industry



Economic <i>More Innovation and Growth; Increased Resilience...</i>	Social <i>More Employment, Rising Incomes and Empowerment...</i>	Environmental <i>More Efficient Resource Use; Less Waste and Pollution...</i>
<ul style="list-style-type: none"> ▪ Increase resource productivity ▪ Bring down production costs ▪ Foster technology development and innovation ▪ Improve competitiveness ▪ Open up new markets ▪ Develop new businesses 	<ul style="list-style-type: none"> ▪ Create new jobs and make existing jobs more secure ▪ Reduce poverty ▪ Develop new skills and capacity ▪ Improve occupational health and safety conditions ▪ Safeguard health and safety of communities ▪ Lower risks to consumers 	<ul style="list-style-type: none"> ▪ Reduce environmental pollution ▪ Counteract resource depletion ▪ Prevent degradation of ecosystems ▪ Mitigate climate change ▪ Combat water scarcity



Green Industry: Flagship Programmes

Resource Efficiency	Water Efficiency	Industrial Energy Efficiency	Chemicals Management
Resource Efficiency & Cleaner Production (RECP)	Transfer of Env. Sound Technologies (TEST)	Energy System Optimization	Persistent Organic Pollutants Phase-out
Environmental Management Standards	Mercury Programme	Energy Management Standards	Ozone Depleting Substances Phase-out
Corporate Social Responsibility – REAP 26000	Large Marine Ecosystems (LME)		Chemical Leasing
Hazardous Waste Management			

E-waste flows to developing countries

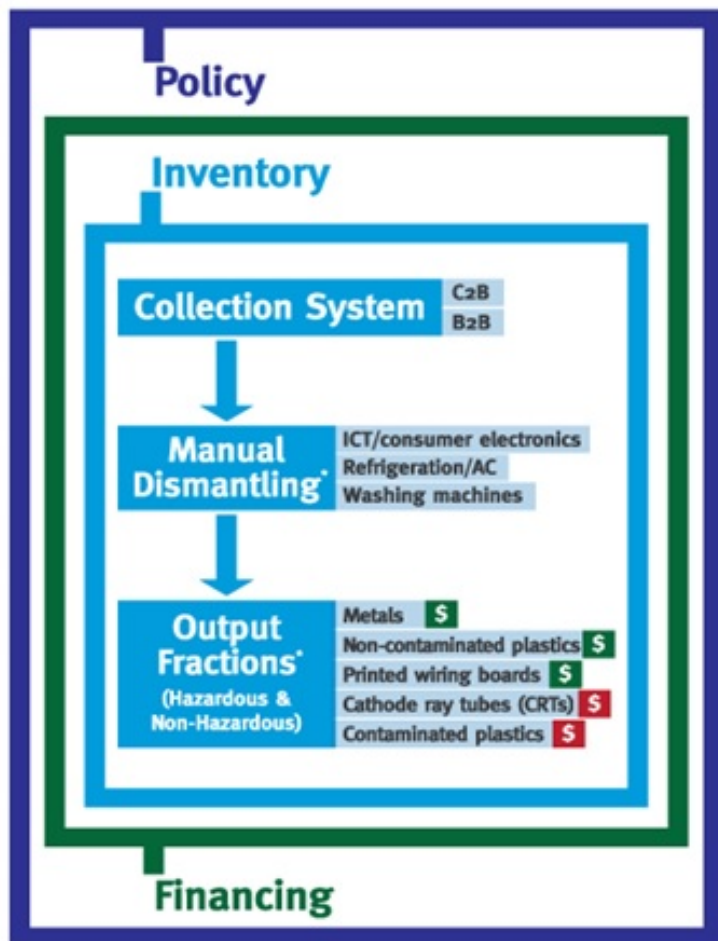


Source: Basel Action Network, Silicon Valley Toxics Coalition

Generation of E-waste in 2030 (forecast):

- developing countries discarding 400 - 700 million obsolete PC/year
- developed countries 200 - 300 million

UNIDO approach to E-waste and the involvement of local authorities



- Enforcement of e-waste regulation
- Collection of e-waste
- Awareness raising
- Capacity building
- Ensure connection between collectors and dismantling facility
- Partnerships to optimize operations, eg:
 - Knowledge and information exchange
 - Communication efforts
 - Logistics

* Electronics and output fractions provided are intended only as examples and are not exclusive



Projects on e-waste management

Ongoing:

- Uganda: Establishment of a manual dismantling facility for WEEE
- Tanzania: Component on E-waste management (One UN Programme)
- Ethiopia: E-waste Management Project
- Cambodia: Creating job opportunities & effective e-waste management
- *Regional e-waste project for Latin America (PPG Phase under implementation)*

Pipeline:

- Regional e-waste project for Eastern & South-Eastern Asia
- Regional e-waste project for West Africa
- Regional e-waste project for SADC



Partnerships on national, regional and international level

- Promotion of national sustainable recycling industries
- Support countries to develop an integrated waste management strategy taking into account the whole recycling chain
- Partnerships are necessary to secure sustainability of e-waste management system
- UNIDO facilitates the establishment of partnerships between Government organizations, NGOs, Academia, Private sector and International Organizations
 - organization of workshops and awareness raising activities
 - holistic approach to the problem with clear roles of involved stakeholders

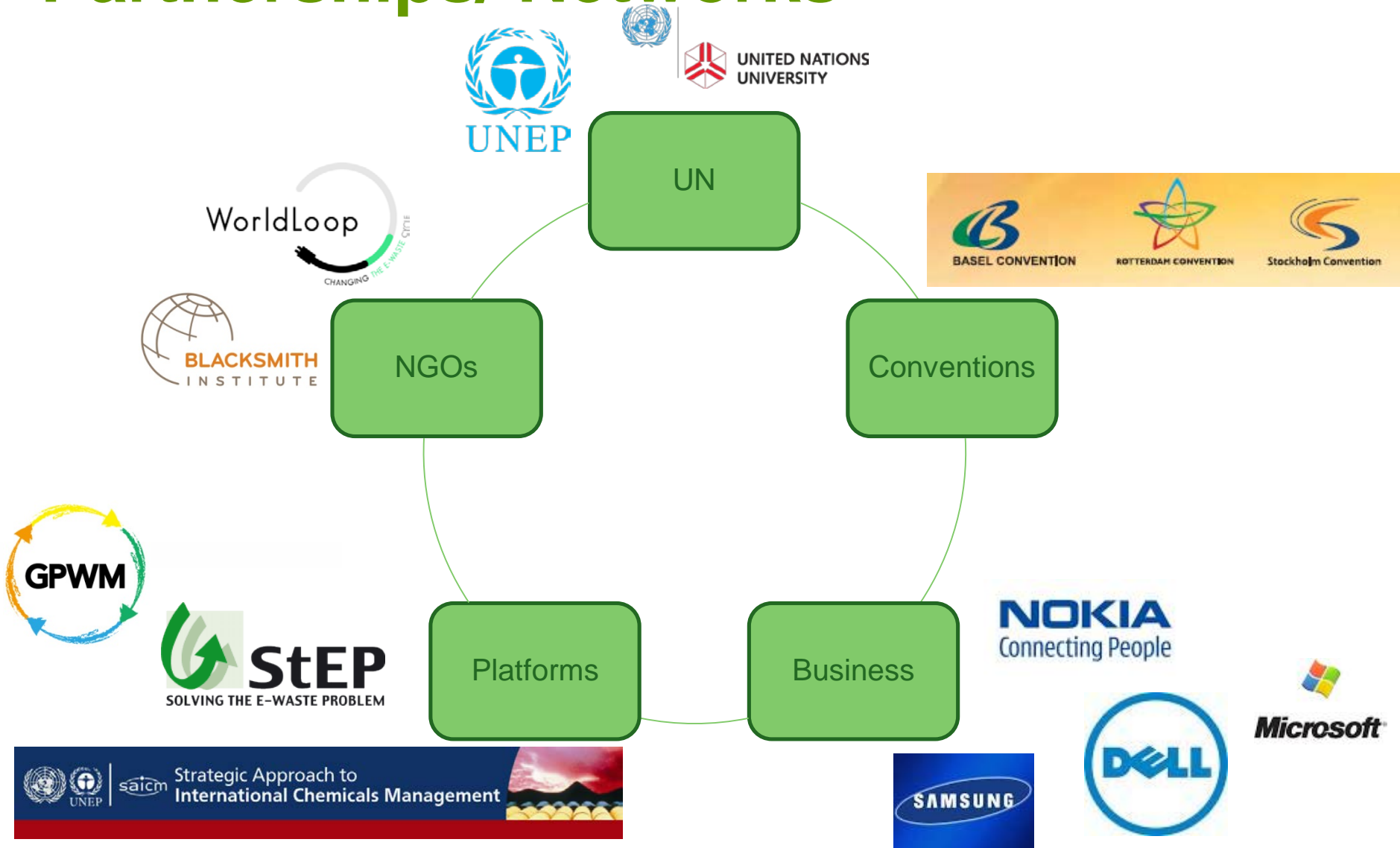


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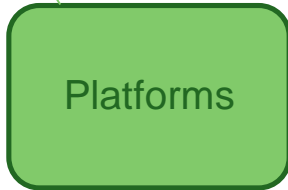
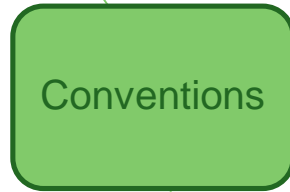


Green Industry

Partnerships/ Networks



Strategic Approach to
International Chemicals Management





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Thank you for your attention!

Elisabeth HERBECK
Environmental Management Branch
e.herbeck@unido.org

<http://www.unido.org/greenindustry.html>