

*An Introduction to
UNEP-IETC*



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Division of Technology, Industry and Economics
International Environmental
Technology Centre

**Urban Environmental Management
*Programme and Projects***

(2003-2005)



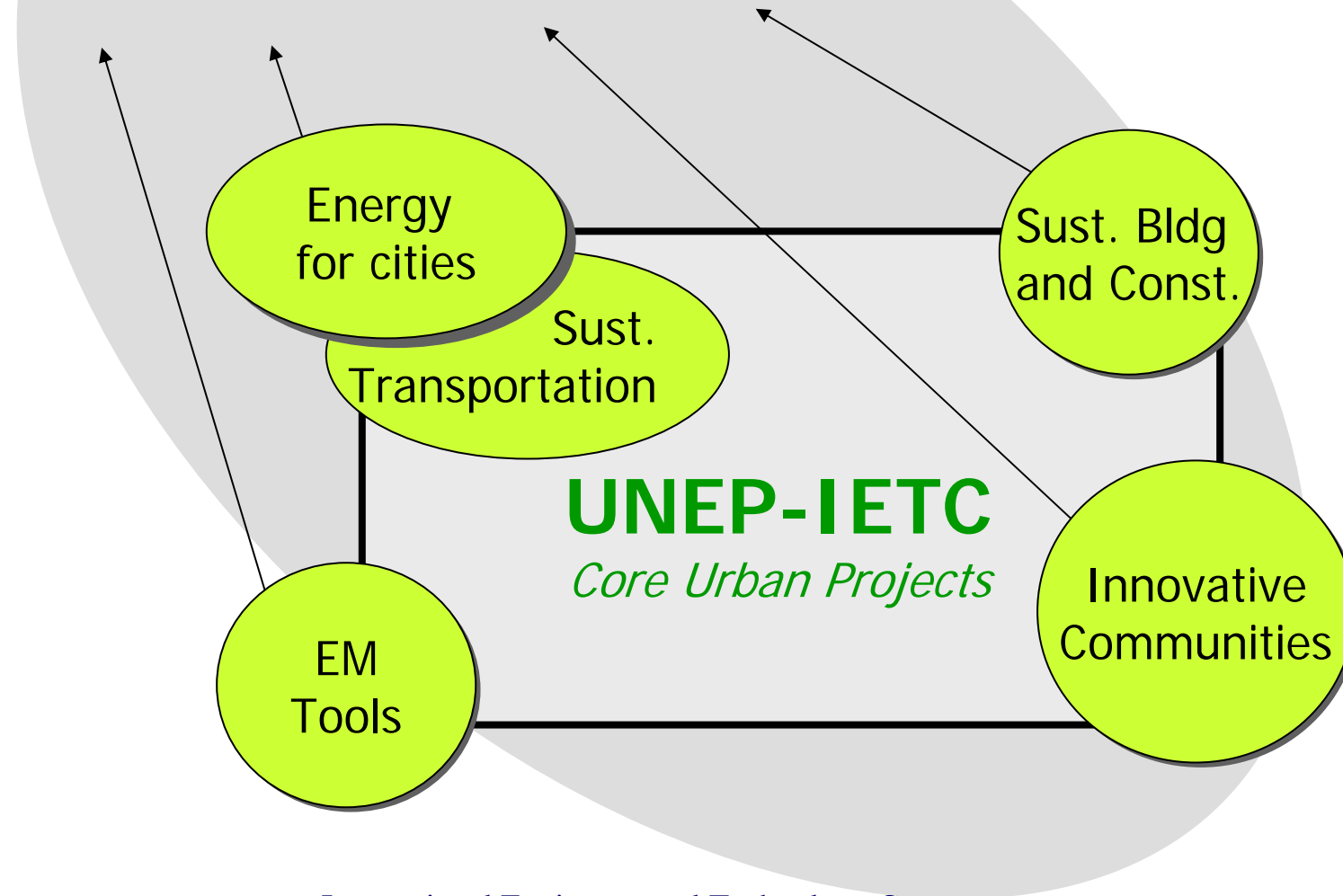
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Overarching theme:

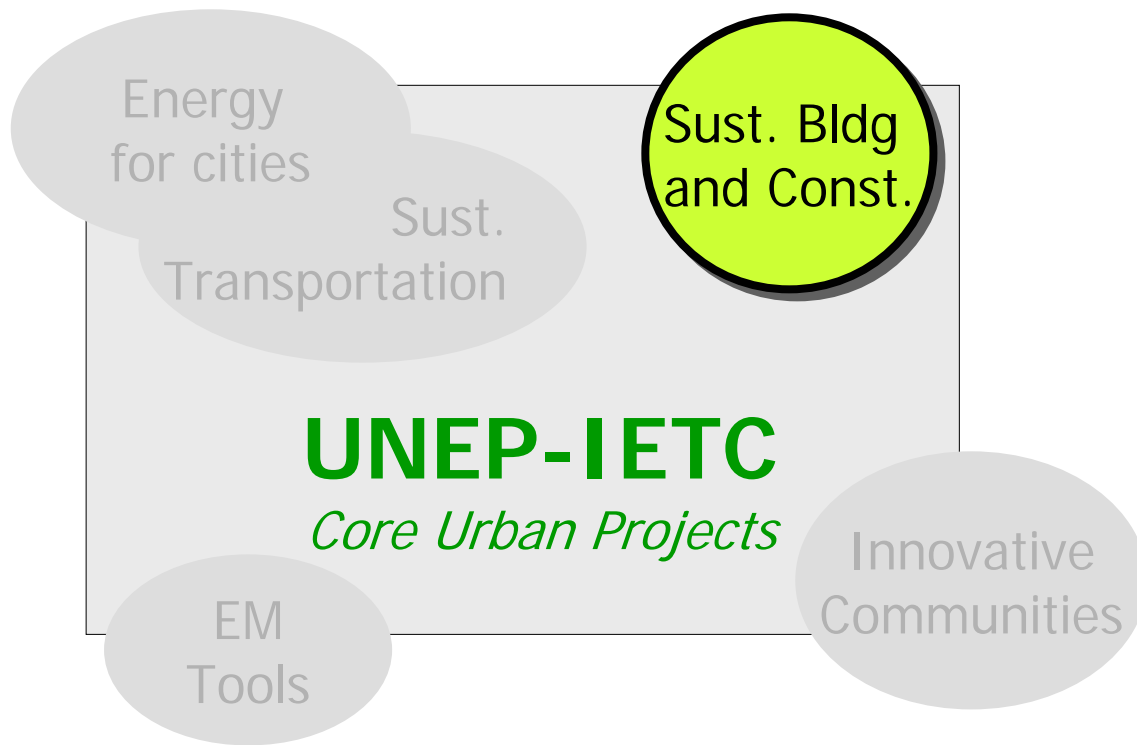
Cities as Sustainable Ecosystems (CASE)



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Partners:

- CIB
- CSIR, South Africa
- *Others being identified ...*

Thematic Focus

Utilizing ecological principles to design, build, use and maintain buildings.

Products:

- Code of Practice
- Sustainability building regulations
- Case studies
- Online decision-support gateways
- Inventory of tools for sustainable building and construction

Activities:

- Architects and Urban Planners Initiative
- University interaction
- Professional Continued Education

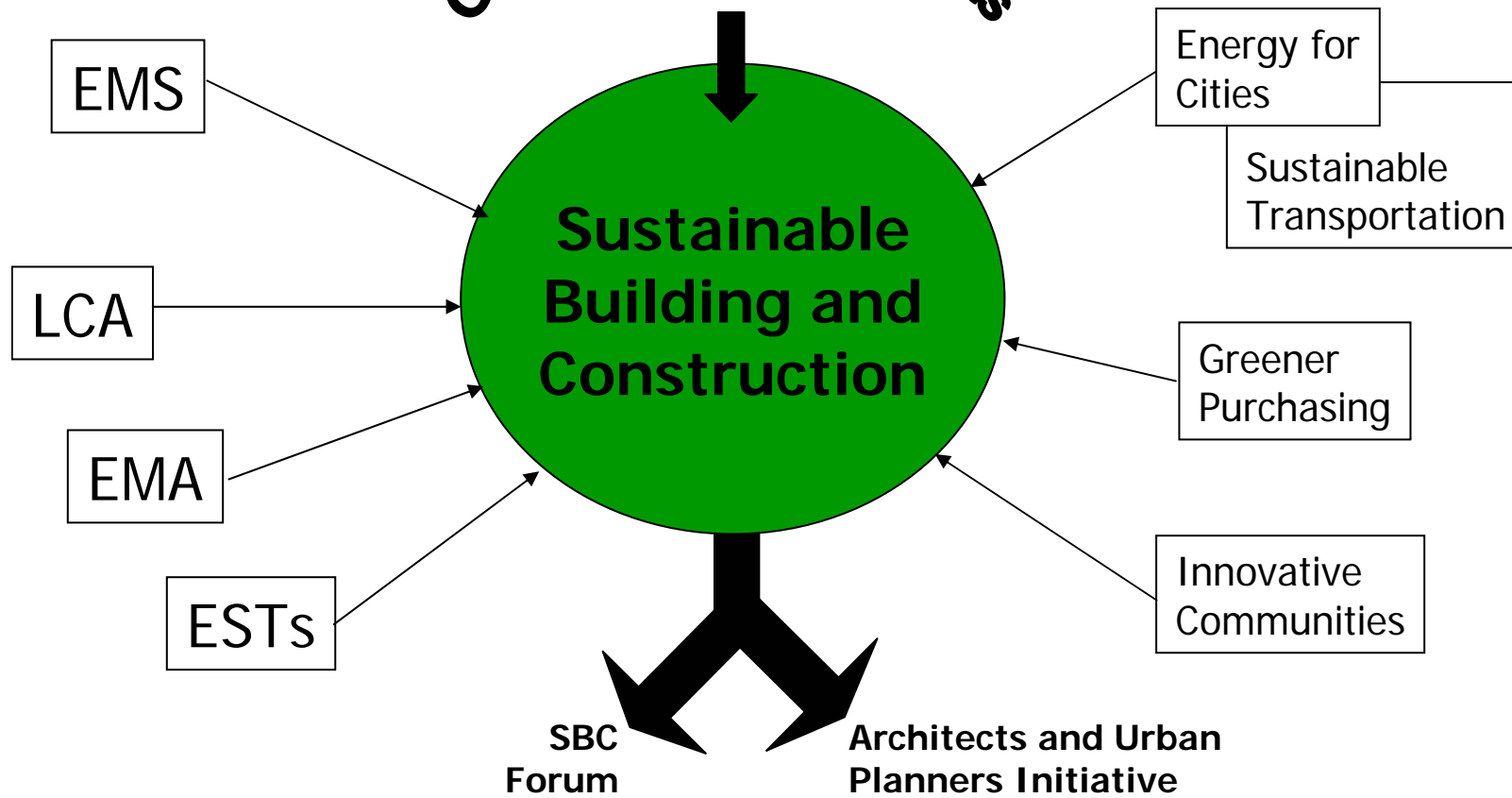


Cities as Sustainable Ecosystems

Conceptual Overlay

Greening Governments

Strategic Framework

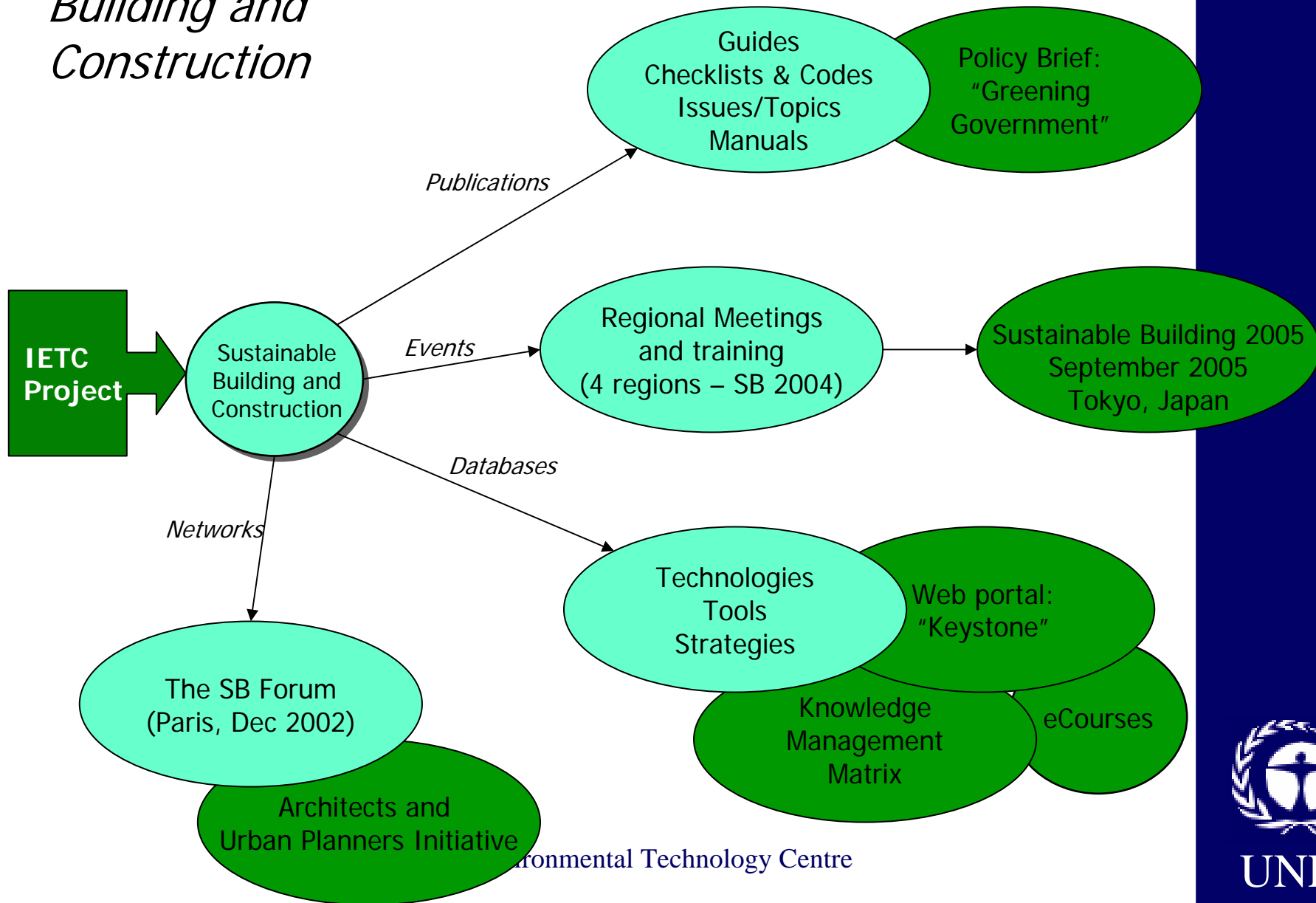


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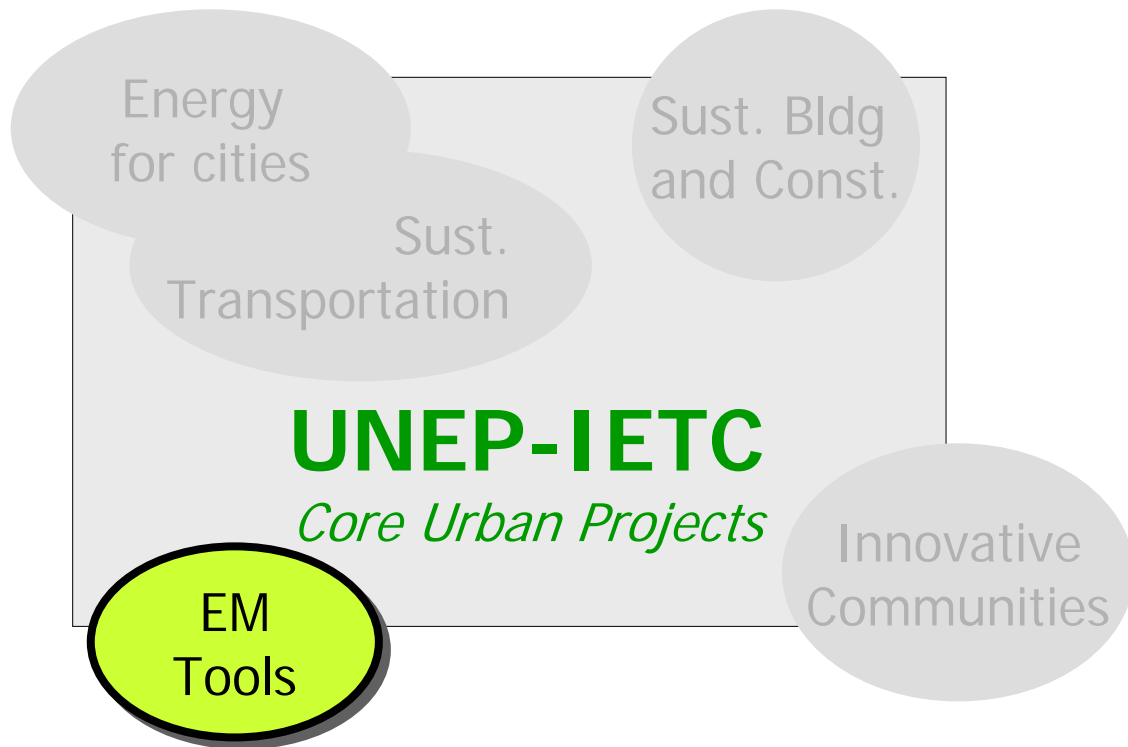


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Sustainable Building and Construction



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Partners:

- ICLEI
- FIDIC
- Environment Canada
- Potschefstroom University
- UNCHS (Habitat)
- Et al ...

Thematic Focus
 Multi-stakeholder based management of urban and local environments

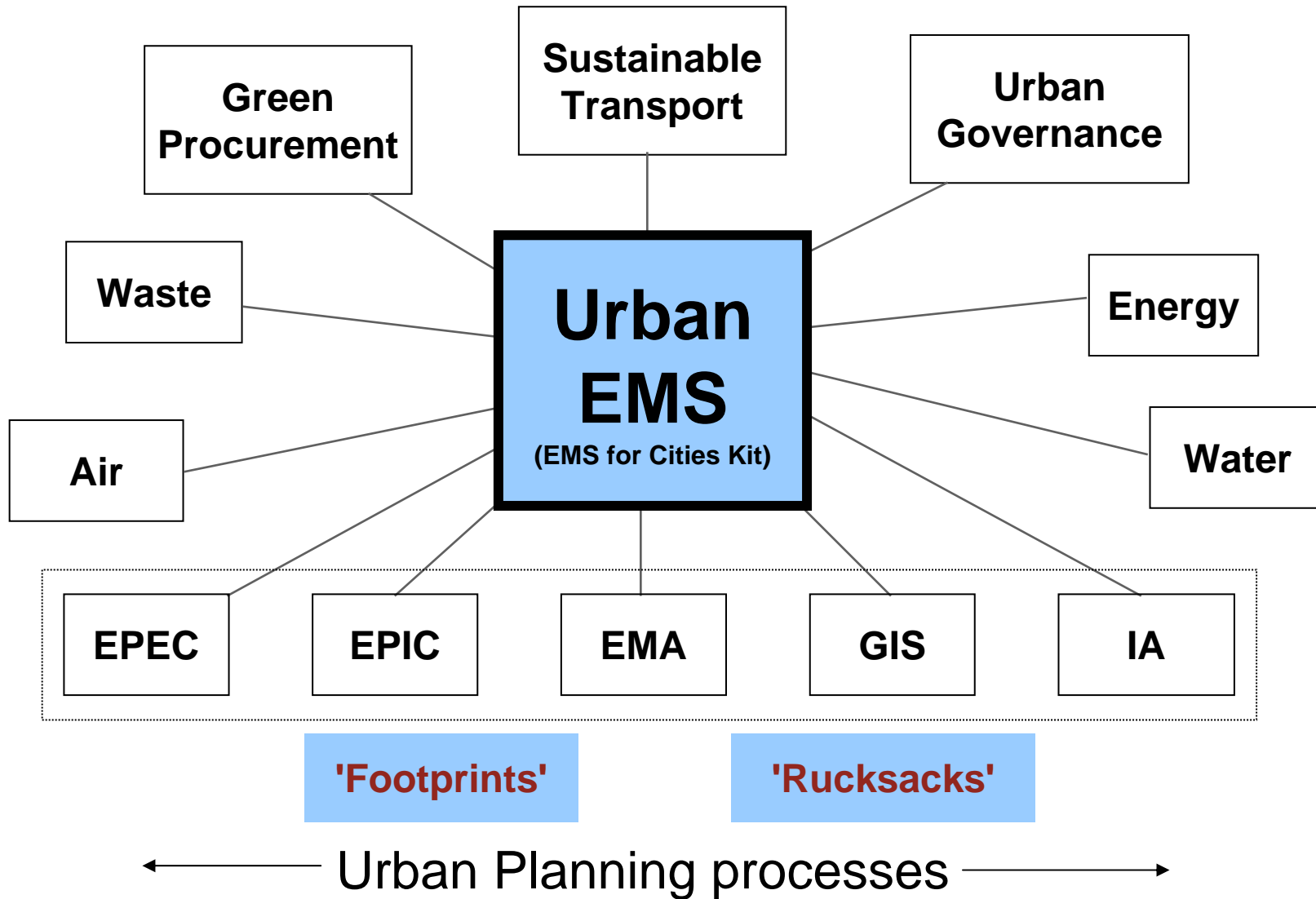
Products:

- EMS Kit
- Supplementary training modules
- Direct decision support tools
- Indirect decision support tools
- Green Procurement Strategy for Local Governments
- EMA for Cities
- IETC Policy Brief on EMSs

Activities:

- Training
- Information Dissemination
- Demonstration and best practices
- Research and policy development



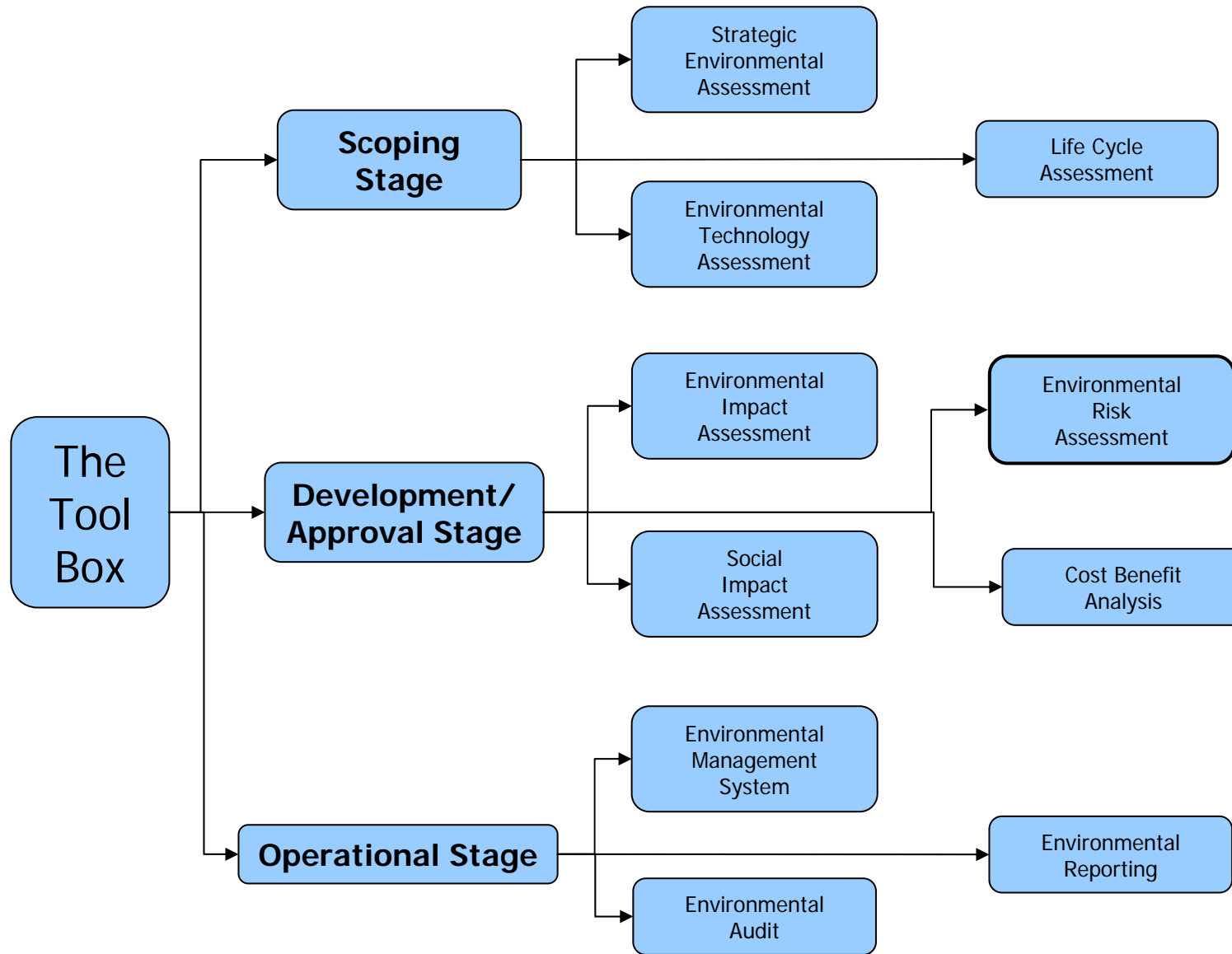


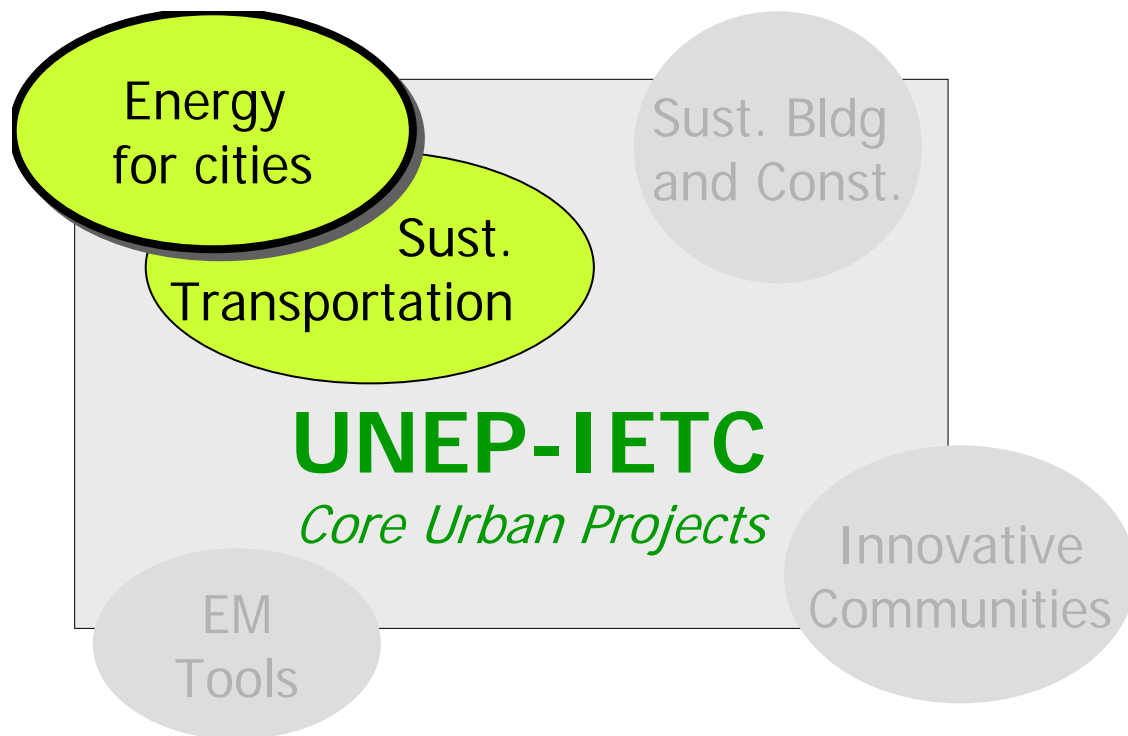
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Decision support tools for environmental managers





Partners:

- ETC, Murdoch University
- ISOCARP
- Urban Environment Found.
- SUSTRAN
- *Others being identified*

Thematic Focus

Reduction of green house gases, and meeting MEA obligations

Products:

- Policy guides
- Training modules
- Monographs on Energy for Cities and Sust. Transportation
- Air Quality Management modules and guides
- Guide to Urban Energy Audits
- IETC Policy Brief on Energy for Cities

Activities:

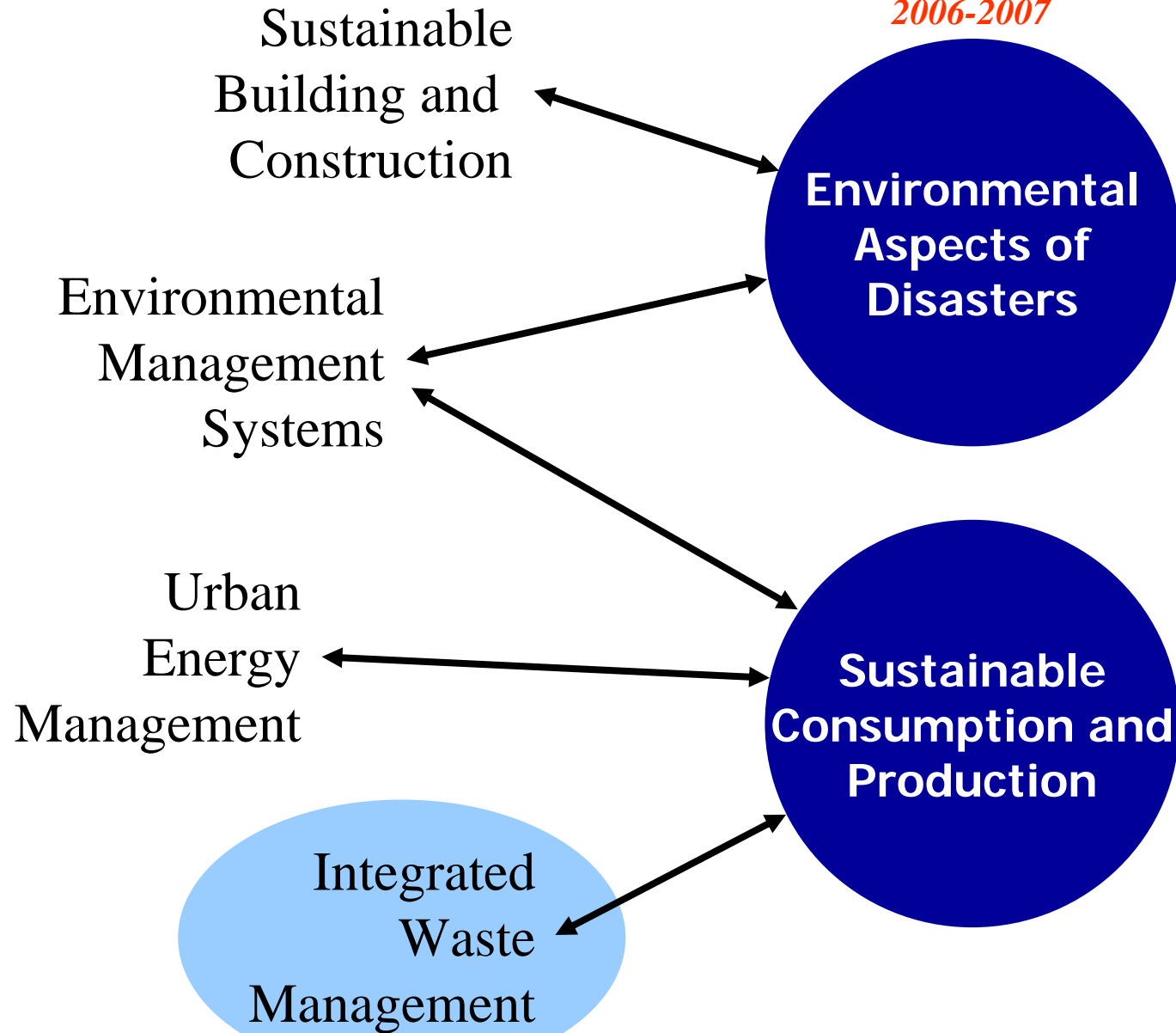
- Meetings and events, including seminars with experts and urban officials
- Training sessions
- Online communities

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*Programmatic Priorities
2006-2007*



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Cities as Sustainable Ecosystems (CASE)

*Programmatic Priorities
2006-2007*

Environmentally Sound Technologies

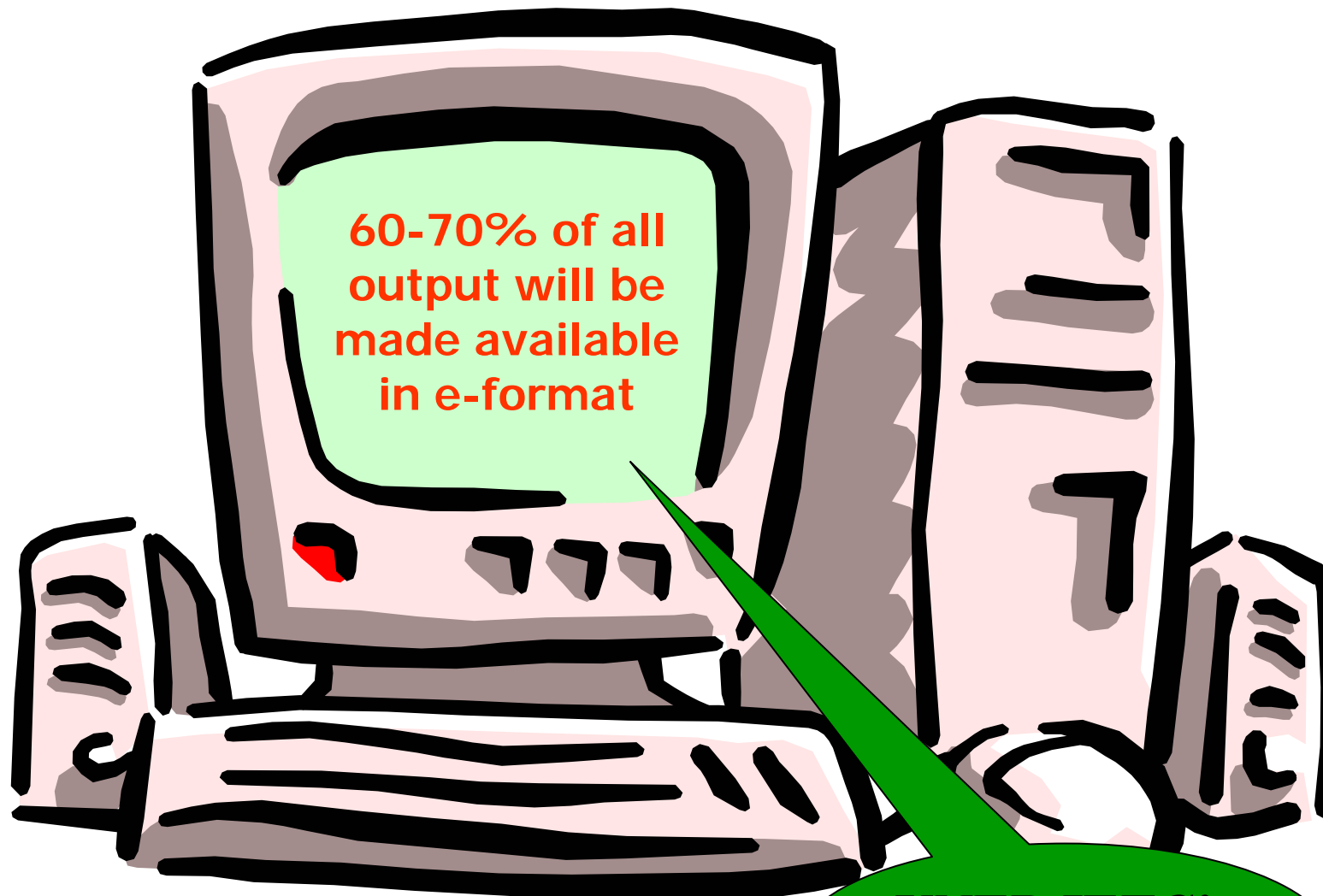
Environmental Aspects of Disasters

Sustainable Consumption and Production

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60-70% of all
output will be
made available
in e-format

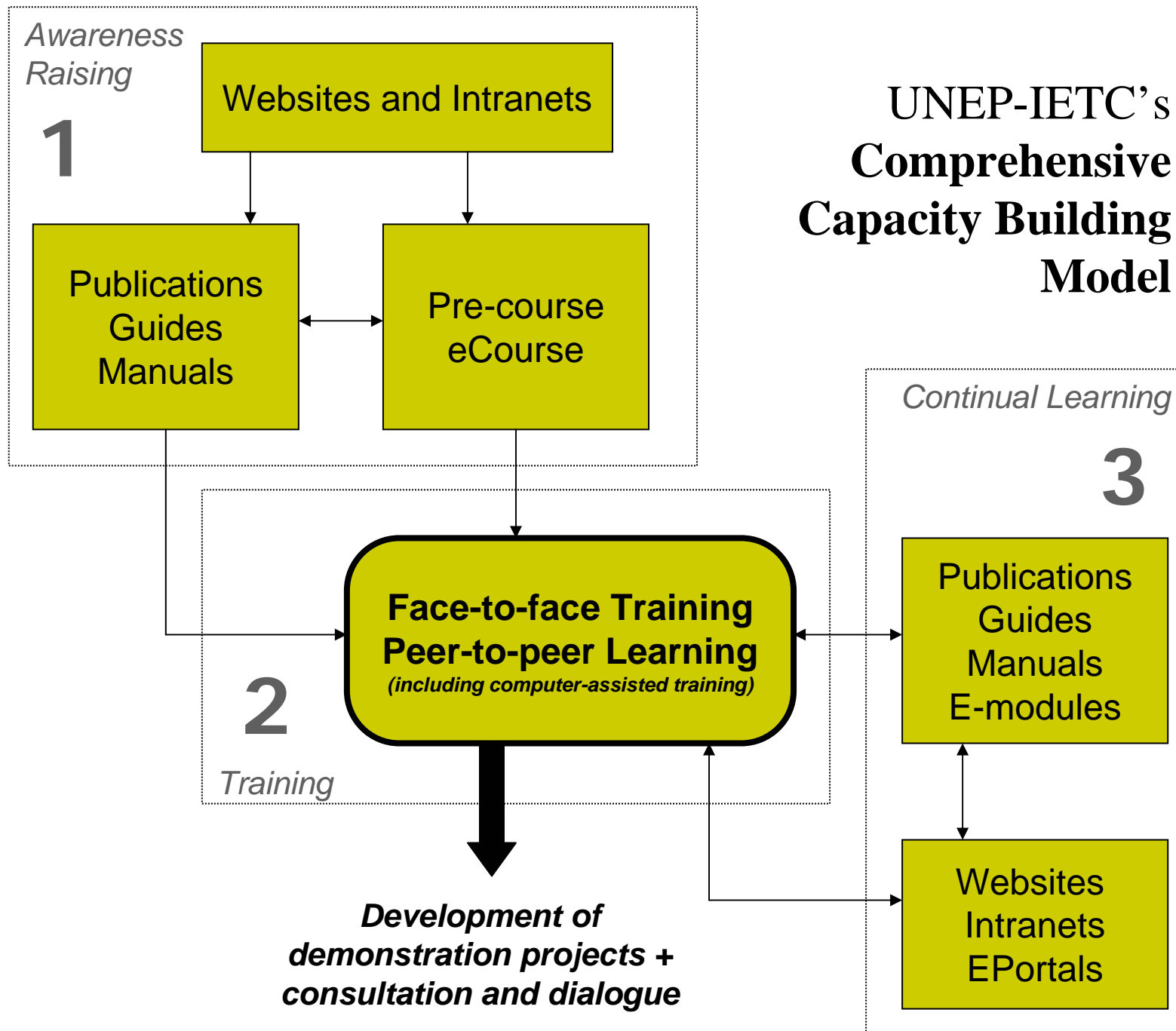
**UNEP-IETC's
Commitment**

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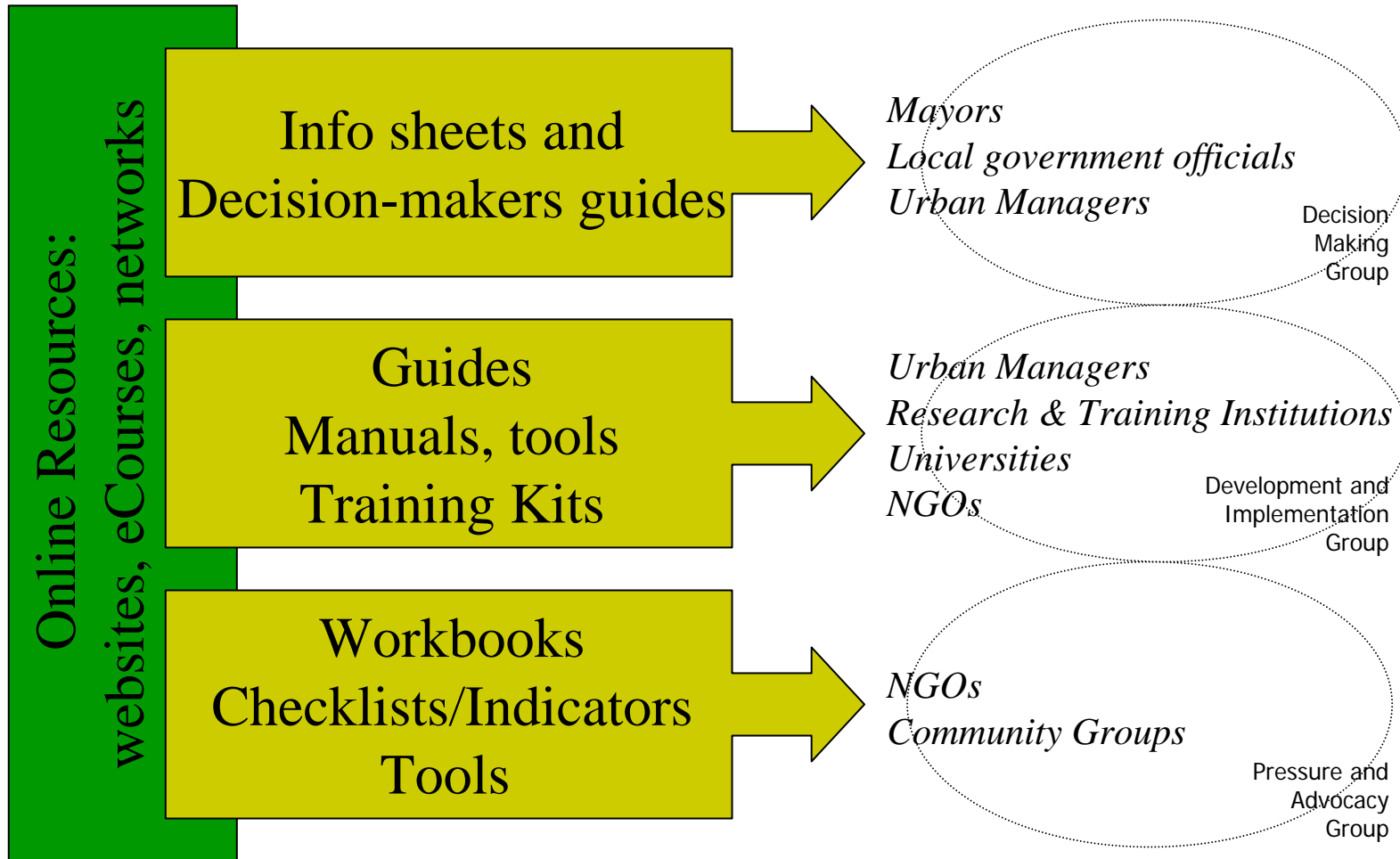
UNEP-IETC's Comprehensive Capacity Building Model



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PRODUCTS

TARGET AUDIENCE





TechInfo

*Packaging detailed
information on
environmentally sound
technologies related to
its programme priorities,
into an online database:
maESTro II*

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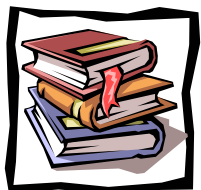
Web Portals

*Facilitating
partnerships among key
organizations in order to
develop web portals to
online information:
**EMERALD, SAFFIRE,
KEYSTONE, JOULE**
etc.*

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Knowledge Management

*Presenting
'pre-searched' results
from a range of
resources available on
the IETC Website's
KnowledgeBase on
different topics.*

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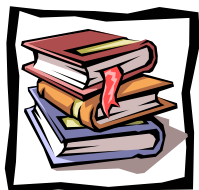
Open-Learning

*Developing a range of
eCourses on topics
related to waste, water
and construction:
Urban EMS, EnTA*,
AquaShed, SBC etc.*

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EST-IS Sites

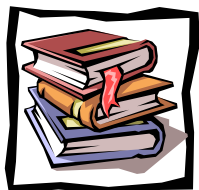
*Collaborating &
facilitating the
development of
EST-IS* sites on waste,
water and construction
topics, and creating
EST-IS communities
using the sites.*

* EST-IS = Environmentally Sound Technologies – Information System

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Web Forums

*Generating
opportunities for
exchange of
information and
knowledge through web
forums:
the SBC* Forum,
RIWMS* Forum, etc.*

* SBC = Sustainable Building and Construction
RIWMS = Regional Integrated Waste Management Strategy

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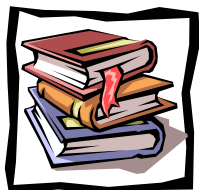
Thematic Pages

Collating key IETC documents and resources and presenting them in thematic pages on its programme priorities – made available in a single page.

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MEA Linkages

Demonstrating clear linkages and justifications of IETC activities in waste, water and construction to multilateral environmental agreements (MEAs)

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Decision tools

Creating decision-making and capacity building online tools in the spheres of waste, water and construction: EST-IS, EMS, EnTA, EnRA, IWRM, LCA, EMA etc.

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Further information on UNEP-IETC and its activities/projects is available at:

<http://www.unep.or.jp/>

or

email: ietc@unep.or.jp

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