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United Nations Institute for Training and Research

9 May 2014

Geospatial World Forum

Collaborative Approach Fostering Global Peace and Prosperity

Local development fostering global peace and prosperity, the SymbioCity Approach

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Manager, Decentralized Cooperation Programme

United Nations Institute for Training and Research (UNITAR)



unitar

The United Nations Institute for Training and Research

50
more years
of human empowerment

What is UNITAR?

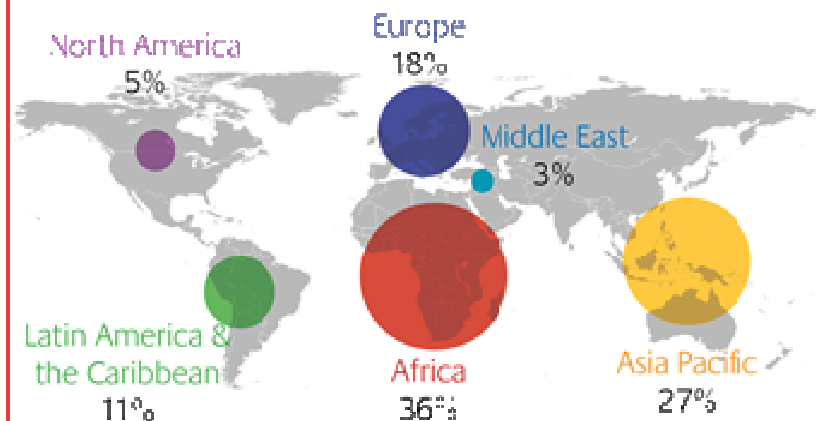
- The **United Nations Institute for Training and Research** is the training arm of the UN. It aims at enhancing the effectiveness of the UN through appropriate training and research
- UNITAR's mission is to deliver innovative training and conduct research on knowledge systems to develop the capacity of beneficiaries
- UNITAR works in all the fields cover by the UN: peace and security, development, human rights, humanitarian affairs, international law
- UNITAR was established in 1963, as an autonomous body within the UN system



knowledge, international, participatory approach, r
diversity, innovation, knowledge sharing, research
transfer, expertise, new technology
learning by doing, network
ship, skills building, ext

UNITAR's Beneficiary and Event Statistics

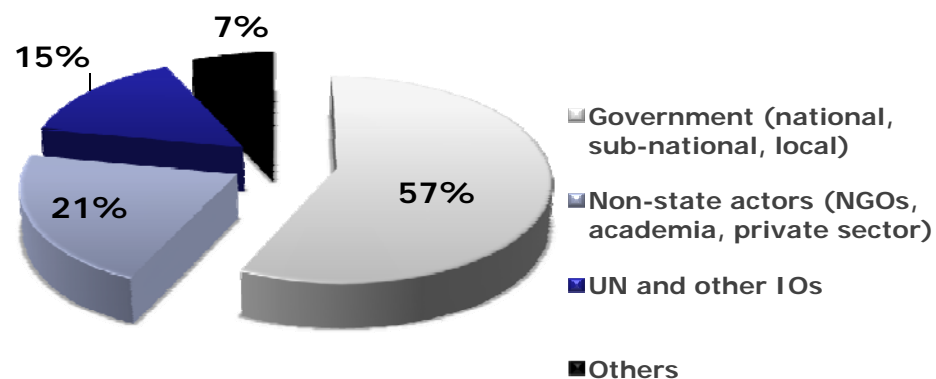
Regional breakdown of beneficiaries 2012-2013



Global outreach

- Over 25,000 beneficiaries/ year
- Over 450 events / year
- Over 75% of events are training-related
- e-learning equals to 50% of learning events

Beneficiaries by affiliation



Top 10 nationality rankings of beneficiaries (2013)

Afghanistan	697
Nigeria	691
United States	574
Uganda	327
India	268
United Kingdom	205
South Africa	179
Switzerland	165
Cameroon	161
Kenya	160

UNITAR's areas of expertise

Training Department

**Peace,
Security and
Diplomacy**

Environment

Governance

Multilateral
Diplomacy

Environmental
Governance
and Law

Public Finance
and Trade

Peacekeeping

Climate
Change

Decentralized
Cooperation

Peacemaking
and Conflict
Prevention

Waste and
Chemical
Management

International
Law

CIFAL Atlanta
CIFAL Curitiba
CIFAL Jeju
CIFAL Kuala Lumpur
CIFAL Maghreb
CIFAL Merida
CIFAL Ouagadougou
CIFAL Plock
CIFAL Quito
CIFAL Scotland
CIFAL Shanghai
ITCCO Antwerp (CSR)

Port Harcourt Project Office

Research Department

UNOSAT
Operational Satellite Applications

Knowledge Systems
Innovation

Peace, Security and Diplomacy Unit

Sample of activities

Multilateral Diplomacy

- **UN System**
Protocol, conference rules, drafting and adoption of UN resolutions, etc.
- **Skills Development**
Chairing International Conferences, Public speaking in a multilateral context, mediation skills, etc.
- **Environmental Diplomacy**
Climate change diplomacy)
- **Human Rights Diplomacy**
(Human rights orientation programme for diplomats)

Peacekeeping Training

- International Master's Degree in Conflictology
- Enhancing the Capacity of African Peacekeeping Training Institutions
- Portfolio of online courses:
- Introduction to peace operations
 - Protection of civilians in peace operations
 - Natural resources management in post-conflict countries
 - Introduction to security sector reform
 - Transitional justice and peacebuilding

Peacemaking and Conflict Prevention

- Project for Special and Personal Representatives and Envoys of the Secretary-General
- UNITAR-IPI Fellowship Programme in Peacemaking and Preventive Diplomacy
- Conflict Prevention and Peacemaking in Africa
- Conflict Prevention and Peacemaking Capacities of Indigenous Peoples' Representatives



International Law

Portfolio of online courses:

- Introduction to International Environmental Law
- Techniques and Procedures in International
- Environmental Law
- International Environmental Governance
- International Environmental Negotiations
- The Law of International Organizations
- Internat. Water Law
- The Law of Treaties

Environment Unit

Environment Unit Sample of activities

Waste and Chemical Management

National Legislation
on Chemical
Labelling (Indonesia)



National Inventory of Toxic Emissions
(Mexico)



Strategic planning
to phase-out
mercury mining
(Kyrgyzstan)

Climate Change

Identify climate
change adaptation
options for the
traditional pastoral
system (Mongolia)



Raise the awareness of
farmers and watershed
managers to the
vulnerability of crops and
water yield to climate
change (Philippines)



Assess degree to which
climate change has
caused an increase in
waterborne diseases
(Ghana)



Environmental Governance and Law

Agreement reached
among government
sectors and stakeholder
to strengthen access to
environment
information policies in
Costa Rica and
Dominican Republic



Public participation section of 2007
National Air Quality Management
Framework in South Africa developed
through consensus process (with UCT)

International network of
public participation
researchers catalyzed
through 2008 UNITAR-Yale
Environmental Governance
Conference



Governance Unit Sample of activities

Decentralized Cooperation

- CIFAL Global Network events (incl. CIFAL Maghreb)
- DPP Master Programme for Afghan MOF officials
- Long-term training for Nigerian oil & gas engineering qualification
- Annemasse Agglo PPP Platform for Sustainable Development
- SymbioCity
- International Migration
- Portfolio of online courses on local sustainable development



Public Finance and Trade

Public Finance, Trade and Intellectual Property issues

Portfolio of online courses on:

- Arbitration and Alternative Dispute Resolution
- Capital Market Development and Regulation
- Debt Management and Poverty Reduction
- Financial Governance
- Financial Negotiation
- Microfinance and Procurement
- Financial Risk Management
- Public Financial Management
- Trade and Intellectual Property



Face to face events such as:

- Seminar on High Performance Leadership
- Seminar on International Negotiation for Government and Business Executives

The Decentralized Cooperation Programme (DCP) and its CIFAL Global Network (CGN)

Objective

The objective of both DCP and the CGN is to strengthen the capacity of government authorities and civil society leaders, thus empowering them to advance sustainable development.

Origins

- DCP & the CGN were created as a result of the WSSD (Johannesburg, 2002)
- WSSD acknowledged the key role of partnerships between the UN, civil society and academia, local authorities and the private sector in the advancement and successful realization of the sustainable development agenda

Target audience

- Public officials from national, sub-national and local governments
- Academics
- NGOs and CBOs
- Private sector representatives
- International organizations



Sample of DCP partners

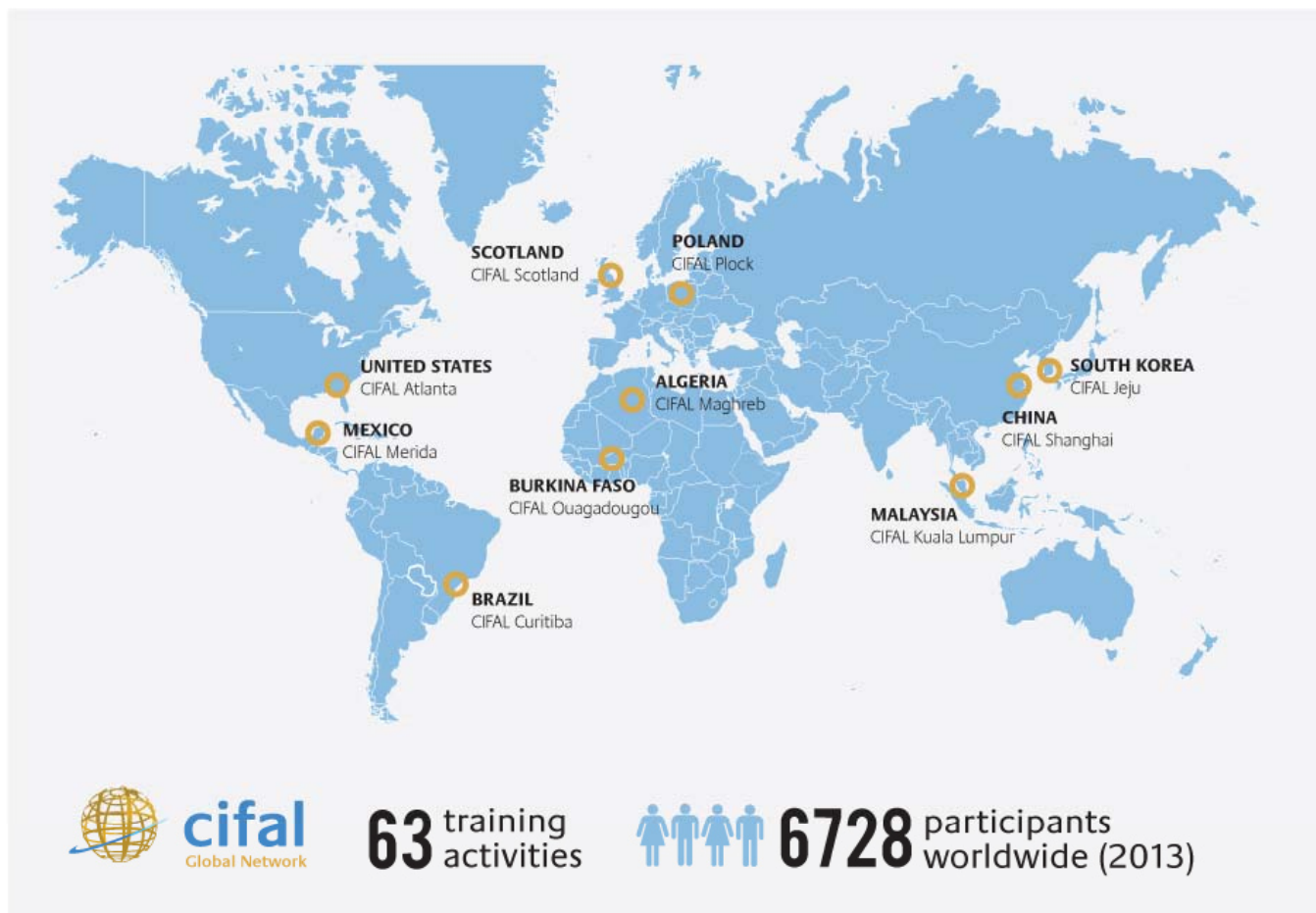
- MOF Afghanistan
- MICL & MHUV Algeria
- Graduate Institute Geneva
- French Government
- Flemish Government
- PTDF Nigeria
- CAF
- Annemasse Agglo
- ASUR
- Veolia Environnement
- UN-Habitat
- UNESCAP
- UN Water
- Municipality of Plock
- Municipalities around the world
- ...

The Global CIFAL Network

A multi-stakeholder hub for local capacity development and experience sharing



CIFAL Global Network Facts 2013



"Experience is knowledge, all the rest is information"

Albert Einstein

"The CIFAL concept is an excellent means to promote city-to-city cooperation. It Assists municipalities in making the MDGs at the city level"

Hiroshi Nakada,
Mayor of Yokohama,
Japan



Decentralized Cooperation Programme & CIFAL Global Network - Thematic Areas



Urban Governance & Planning

- > Urban Services
 - Transport
 - Road safety
 - Water and sanitation
 - Waste management
 - Safety and security
 - Technology
- > Disaster Risk Reduction
- > Transparency and Anti-corruption



Economic Development

- > Entrepreneurship and Business Development
- > Employment Promotion
- > Creative Economy
- > Competitiveness
- > Tourism for Development
- > Airports Management



Social Inclusion

- > Education/STEM
- > Migration and Human Trafficking
- > Gender Equality
- > Youth Engagement



Environmental Sustainability

- > Green Growth
- > Climate Change
- > Renewable Energy & Energy Efficiency
- > Green Cities
- > Symbiocity

The Diversity of DCP/CIFAL Training Events

Urban
Governance &
Planning

Economic
Development

Social Inclusion

Environmental
Sustainability

National Governments

Provincial
Authorities

Municipalities

Civil Society

Academia

Media

Private Sector

International
Organizations

Short events
(Workshops, conferences,
Seminars, etc.)

Long-term events
(Master degree,
fellowship programme)

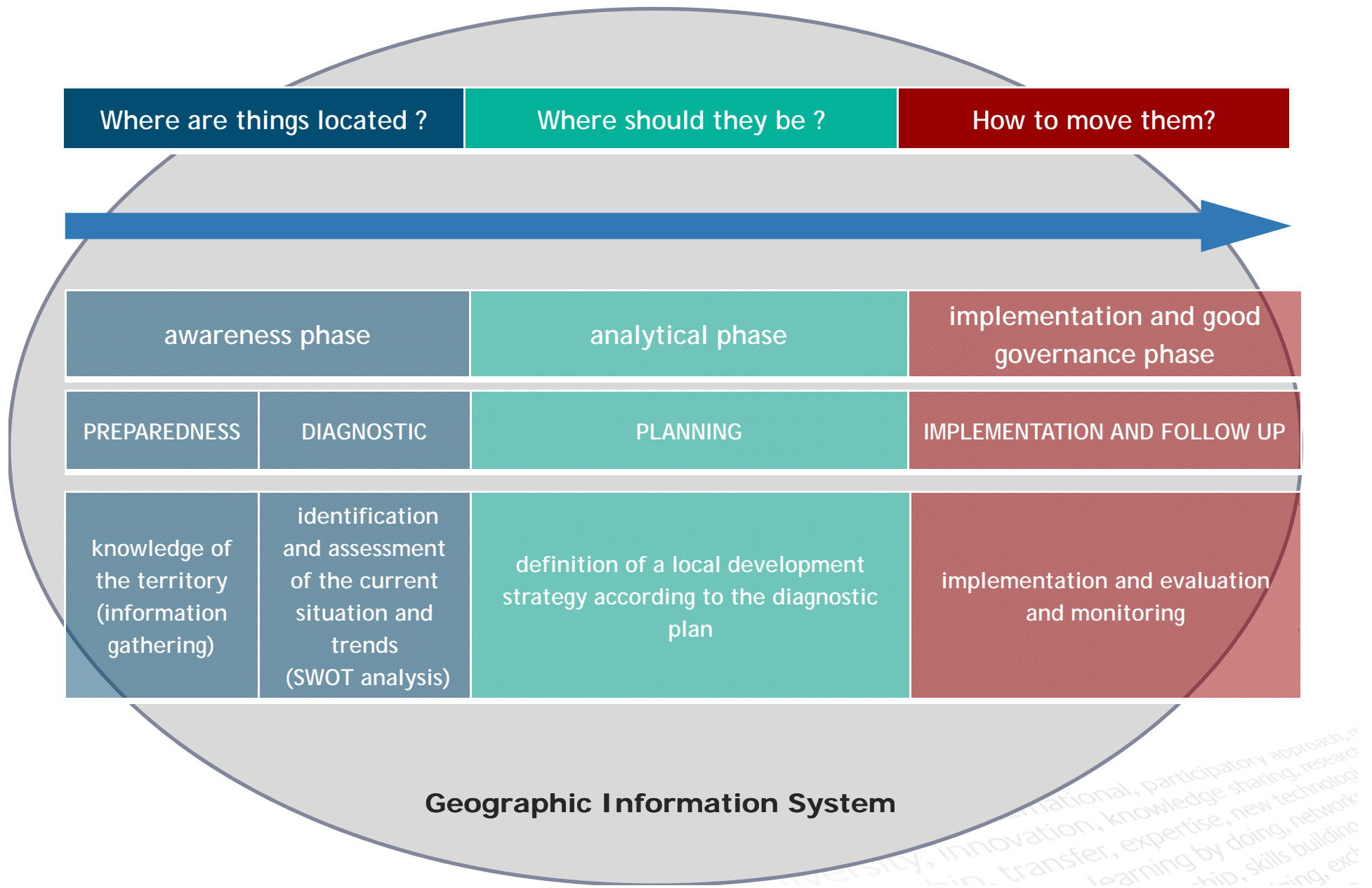


e-Learning

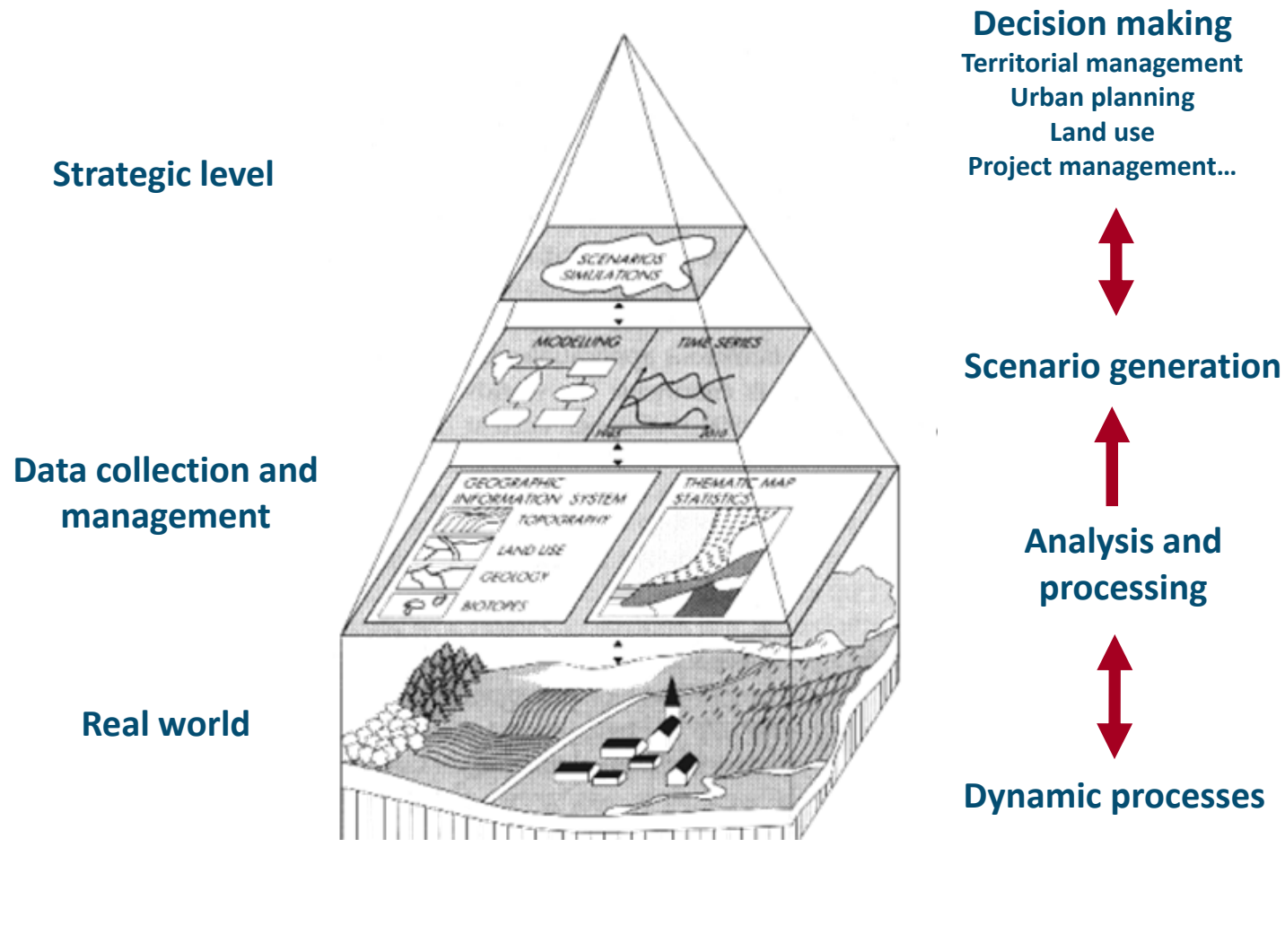
Blended Learning



Strategic territorial planning & management



Decision making based on GIS generated outcomes



Looking at the world in a dynamic way for evidence-based decision making

An integrated tool for Urban Development and Management

The SymbioCity Approach: a framework for holistic and sustainable urban development

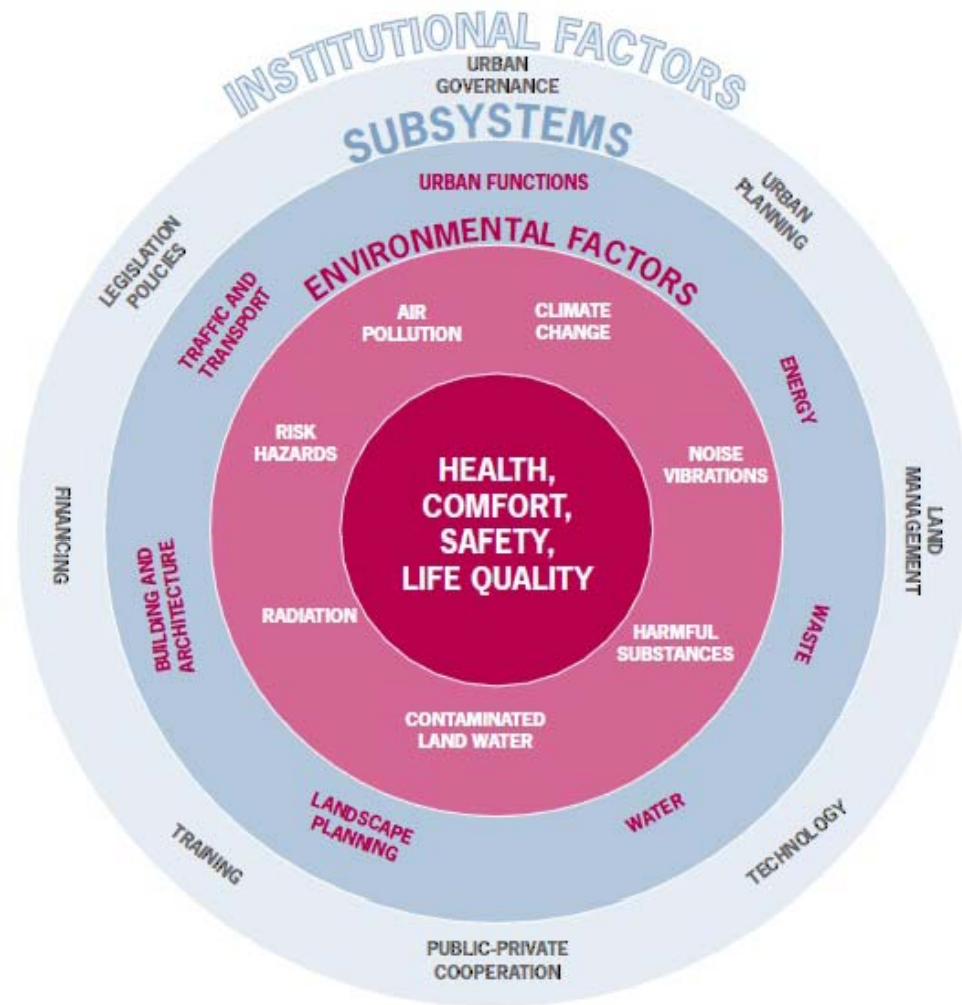
SymbioCity is a fast track to holistic and sustainable urban development.

The secret: combine urban systems and benefit from synergies.

SymbioCity pinpoints key urban systems – from energy to IT and water to waste – that are the foundation for good living conditions, prosperity and welfare in any city. Unlocking the synergies within – and between – these systems can make all the difference as cities strive to curb environmental impacts and deliver social and economic benefits to citizens.

[SymbioCity website](#)

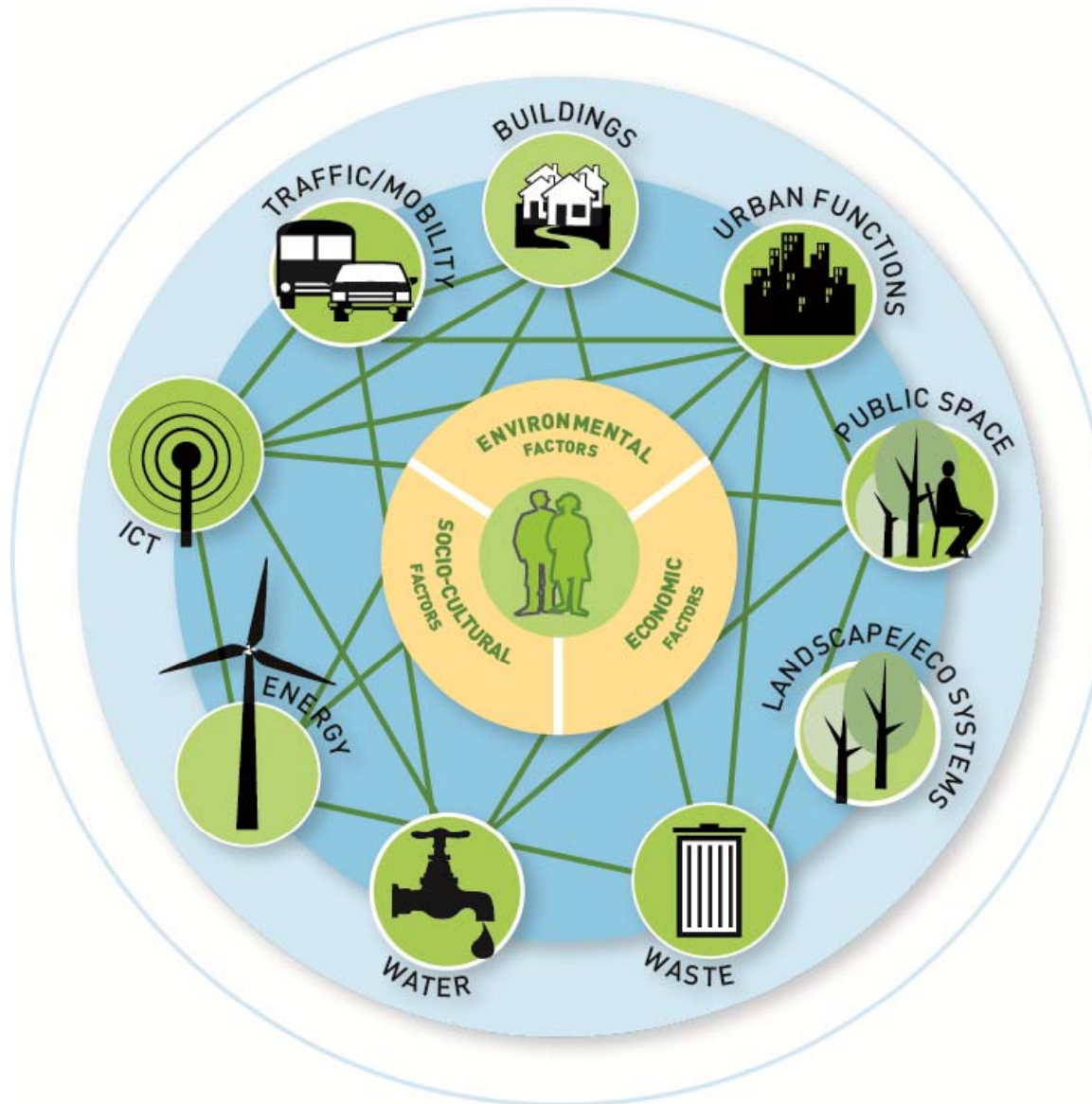
[SymbioCity video](#)



Conceptual model showing a detailed picture
of environmental factors, subsystems and
institutional factors

A tool seeking to develop synergies between subsystems

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SymbioCity

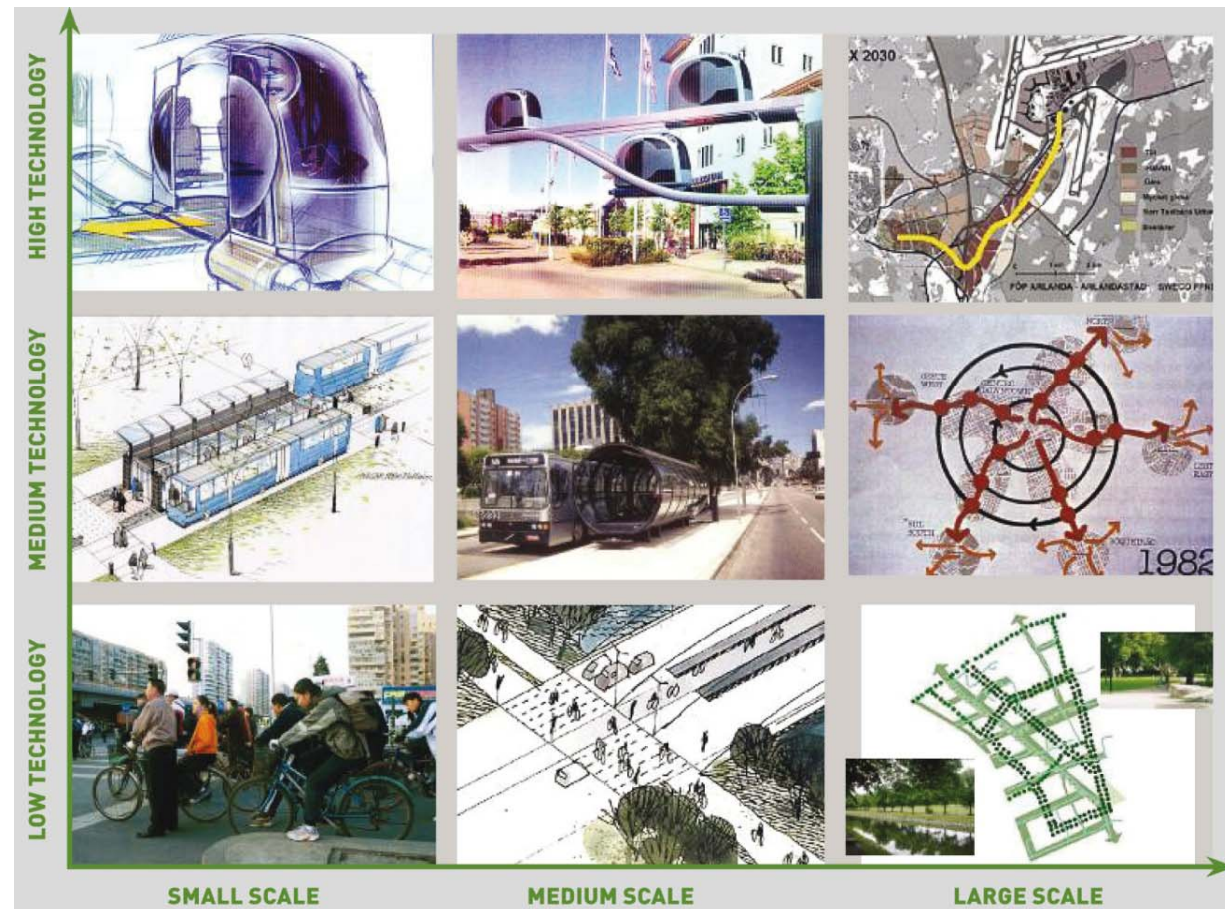
A multidisciplinary approach that analyses an area from a number of perspectives to identify synergies between different aspects in the integrated planning framework

knowledge, international, participatory approach, research, diversity, innovation, knowledge sharing, research, transfer, expertise, new technology, learning by doing, network, skills building, etc.

Using differentiated technologies and looking for synergies depending on local contexts

Strategies in Traffic and Transportation –

Scale and technological level



Sample of potential synergies and interfaces

- Utilize synergies between land-use, traffic and transportation to achieve good prerequisites for public transportation and minimize energy consumption, air pollution and noise
- Gas from digestion of biomass may be used as fuel for vehicles
- Minimize transportation of drinking water by truck by implementing sound drinking water supply

knowledge, innovation, participatory approach, research, diversity, innovation, expertise, new technology, transfer, learning by doing, network, building, skills building, etc.

Using differentiated technologies and looking for synergies depending on local contexts

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Waste Disposal –
Scale and technological level

Sample of potential synergies and interfaces

- Plans for how to make waste transportation efficient
- Cooperation with water and drainage utilities to avoid dumping of waste/septic sludge in collectors for storm water and/or wastewater
- Use of waste for energy production
- etc.

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THANK YOU!



United Nations Institute for Training and Research
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Учебный и научно-исследовательский институт
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