# Work Package 1: Monitoring and Evaluation
# - a survey summary, part 1

LC-FACIL Steering Committee Meeting

Göteborg, November 26-27 2009

# Topics

1) Challenges
2) Purpose
3) Scope
4) Main indicators
5) Methods and principles regarding the selection of indicators
6) Responsibility
7) Frequency
8) Presentation and reporting
9) The use of the monitoring in planning, learning and improvements
10) Lack of data
11) Expansion of the monitoring

# 1) Challenges

- The focus has so far been on strategic and operational documents, and project realisation.

- This has resulted in more and more projects being implemented without the impact being assessed, which makes it more difficult to make use of former experiences when new strategies are formulated.

# 2) Purpose

- Summary of current architectural, social, economic and ecologic structures of the city
- Assess the sustainability state of the city's plans or policies
- Assess trends and identify key (present and future) issues and opportunities
- Provide information on the sustainability for strategic development
- Help identify priority activities
- Help target populations/communities of need
- Assess the impact of public sector interventions
- Monitor progress/performance against local and national targets (strengths and weaknesses)
- Quick access to relevant, current and high-resolution information for urban development planning

# 3) Scope

**Thematic scope**

- Integrated: Sustainable Development (Göteborg, Rennes, Vitoria)
- Focused: Economic Assessment (Kirklees), Buildings and Land Use (Leipzig), Quality Environment Goals (Göteborg, Leipzig), Social Conditions (Leipzig)
- National comparisons: 200 national indicators on various aspects (Kirklees + mo

**Geographical scope**

- Multi-level: Association of municipalities (regional), municipality, districts, neighbourhoods (Göteborg, Kirklees, Leipzig, Rennes, Vitoria)

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# 4) Main indicators (indicative only)

**Environmental**

- Natural environment: birds abundance rate
- Urban environment: land uses, basic services accessibility, residential buldings
- Urban Metabolism: water and energy use, waste water treatment, air quality, noise, river organics discharges
- Mobility: average walking distance, car use, traffic intensity, infrastructure surface

**Economic**

- Personal income, job vacancies, unemployment, social contributions, company start-ups/closings, innovation, research, construction activity, housing vacancies, rental prices, tourism

**Social**

- Number of inhabitants and forecast, migration, education, health, demographic dependency rate, satisfaction with local community

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# 5) Methods and principles for the selection [...]

**Practical**
-    Availability and quality of data, informational value for specific topic (Göteborg, Leipzig)

**Political anchorage**
-    Prepared by a group of municipal technicians, approved by Municipal Plenary (Vitoria)
-    Negotiations between politicians and practitioners (Kirklees)

**National sets of indicators**
-    The government set a range of National Indicators. Each Local Authority Area is annually assessed by the Government. (Kirklees)

**Multi-stakeholder group**
-    Co-elaboration between local urbanism agency, academics and local development council (which includes representantives from associations, businesses, unions and local counsellors.

# 6) Responsibility

**External**

- Steering Committee will examine and update, proposed by the Local Urbanism Agency and the Department for Evaluation and Sustainable Development (Renn
- The Local Strategic Partnership is ultimately responsible for changes (Kirklees)

**Internal**

- Separated: Each department responsible for definitions and calculations of their indicators (Vitoria)
- Centralised: A specific unit in the central administration is responsible for the design and reporting (Göteborg, Leipzig)

# 7) Frequency

**Ongoing process**
- Göteborg, Kirklees, Leipzig

**Annual report**
- Göteborg, Kirklees, Leipzig, Rennes, Vitoria

# 8) Presentation and report

**Website**
- Göteborg, Vitoria

**Highlight reports**
- Göteborg, Kirklees

**Annual report/bulletin**
- Göteborg, Kirklees, Leipzig, Rennes, Vitoria

**Annual press conference**
- Vitoria

**Thematic presentation in local magazine**
- Rennes

**Presentation tools**
- Traffic light system (Kirklees)
- Grading scale (Rennes)
- Gotrends / eXplorer (Göteborg)

**To whom?**
- City Council, thematic commissions, **strategy meetings, other units and departments, general public…**

# 9) The use of monitoring in planning, [...]

**Quick access to information**
- Göteborg, Leipzig

**Early detection of potential issues**
- Göteborg, Kirklees, Leipzig

**Evaluation of existing acitivites, adapting strategies to changing demands**
- Göteborg, Kirklees, Leipzig

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# 10) Lack of data

**Non-existing indicators**
- Culture, environment (Rennes)

**Lack of comparability**
- Between cities (Rennes)

**Scale**
- Local level: Energy (Göteborg, Rennes, Vitoria)
- Neighbourhood level (Bytom, Göteborg, Kirklees)
- Different data on different levels (Leipzig)

**Long intervals**
- Full-scale population census only once every decade (necessary for fully reliable data for population, skills and income levels)

**Redefinitions**
- Merges of units (Göteborg, Leipzig)
- Concepts (Göteborg)

**Anamolies and inconsistencies**
- Migration, demolition of houses (Leip

# 11) Expansion of the monitoring

**Establishing a monitoring system on city level and city district level**
Bytom

**Establishing a central database**
Kirklees

**Visualize information on maps**
Göteborg, Kirklees

**Monitoring for the city-wide integrated urban development concept**
Leipzig

**Increased use of individual-based statistics**
Göteborg

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# Work Package 1: Monitoring and Evaluation
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# Proposed common sustainability criteria

# 1) Environmental

- Greenhouse gases emissions
- Proportion of renewable energy consumption
- Access to basic services and open public areas
- Amount of waste per inhabitant
- Buildings' energy efficiency
- Quality of water services
- Air quality
- Number of inhabitants suffering from exceeding traffic noise (per 1000)
- Public space distribution (traffic, walkers)
- Modal distribution of passengers transport
- Proportion of farming land within the city boundaries
- Urban Compactness /Urban Sprawl in hectares per year
- Public perception of their neighbourhood
- Area of environmental protection space

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# 2) Social

- Population development (births/deaths, moving in/out)
- Age structure / Average age / Dependency ratio
- Ethnicity
- Unemployment rate
- Proportion of poor inhabitants
- Proportion of inhabitants receiving social salary
- Measures of inequalities, eg spread about median income
- Local human development index
- Health
- Crime
- Education (school drop-outs, share of population with certain educational level)
- Citizen satisfaction with the Local Community
- Number of years' earning required to purchase a new 3 room flat

# 3) Economic

- Sector mix
- Productivity
- GDP per employee
- Salary sum
- Research & Development
- Business startups / closings
- Rate of self-employed
- Vacancy rates
- Building/Demolition of buildings

# 4) Other

- Culture & Recreation: area of sport and recreation facilities, number of participants at culture events, recreational area
- Number of successfully regenerated historic places and buildings
- Budget destined to international cooperation

# All cities are on board!

- All cities are willing to decide upon a selection of core sustainability criteria, calculate and present the data according to instructions and then present it in a common visualization