



VASAB WORKSHOP

Implementation of international experience and current activities within UNDP-GEF project “Belarus: Supporting Green Urban Development in Small and Medium-Sized Cities in Belarus”

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National Consultant on Green Urban Development

Minsk 13/09/2017

Sustainable Development Goals

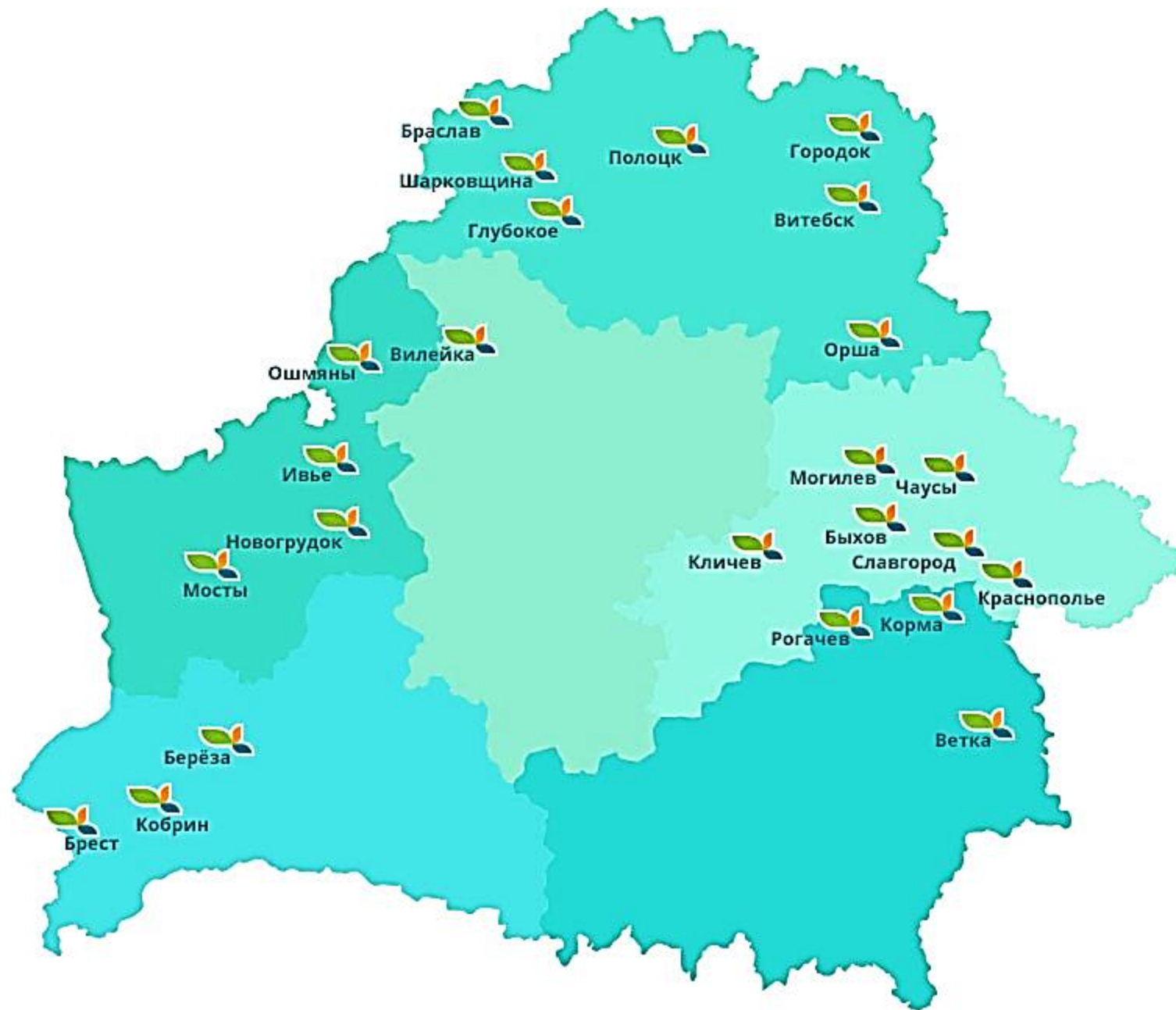




PARIS2015
UN CLIMATE CHANGE CONFERENCE
COP21·CMP11



Covenant of Mayors
for Climate & Energy



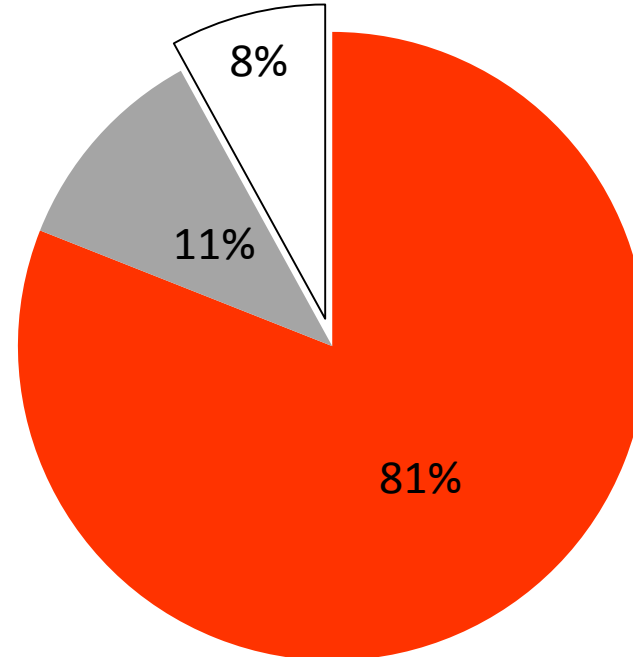
Small and Medium-Sized Cities in Belarus

up to **20 000** inhabitants

168 cities and towns (81%)
1 675 800 people -17,1%

up to **100 000** inhabitants

24 cities (11%)
1 134 000 people – 11,6%



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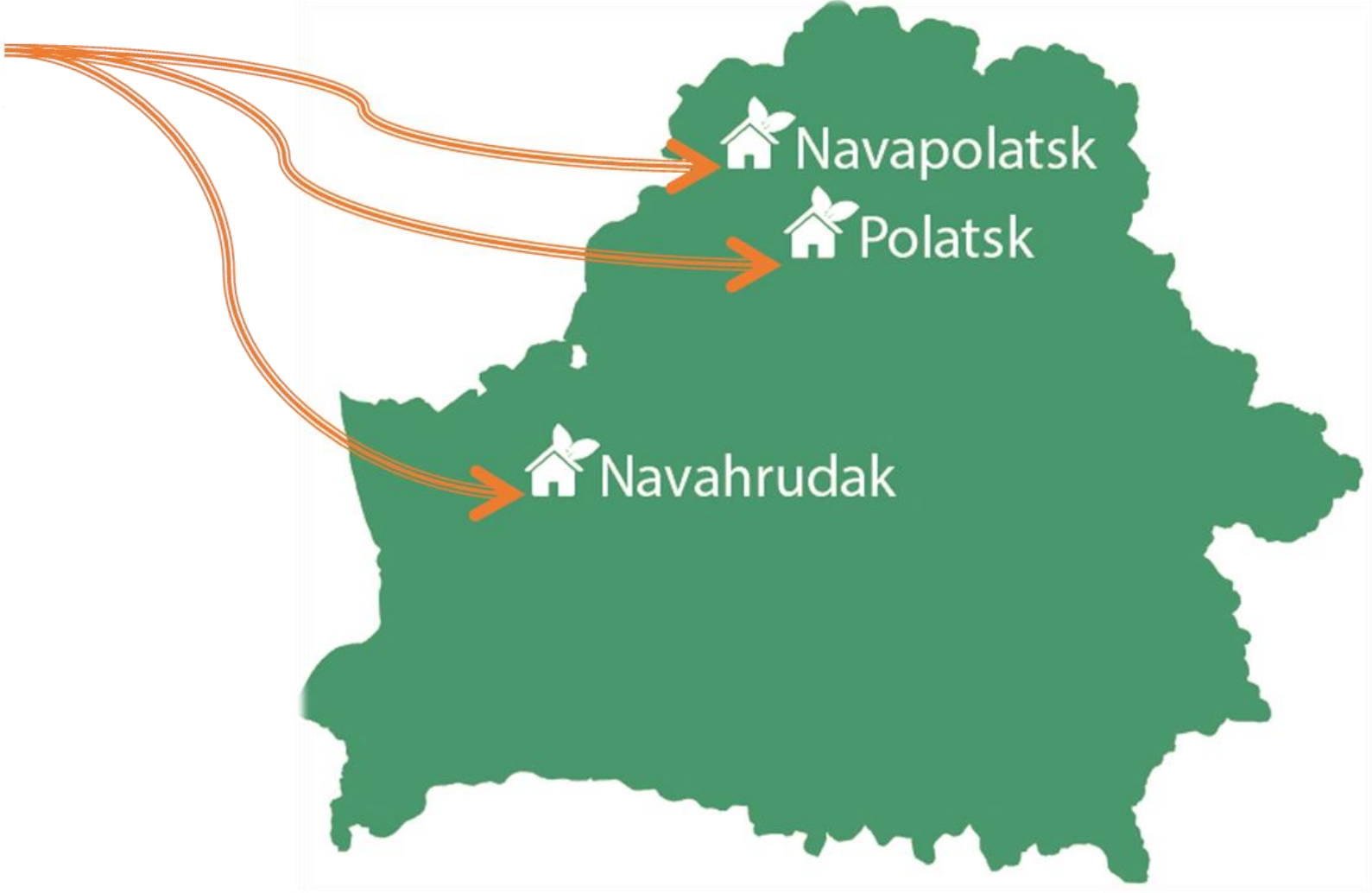
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Navapolatsk – 102 261 inhabitants

Project Pilot Cities

















Project **“Belarus: Supporting Green Urban Development
in Small and Medium-Sized Cities in Belarus”**

Implementation period: 2016 – 2021

Budget: \$ 3 091 000

Donor: Global Environment Facility

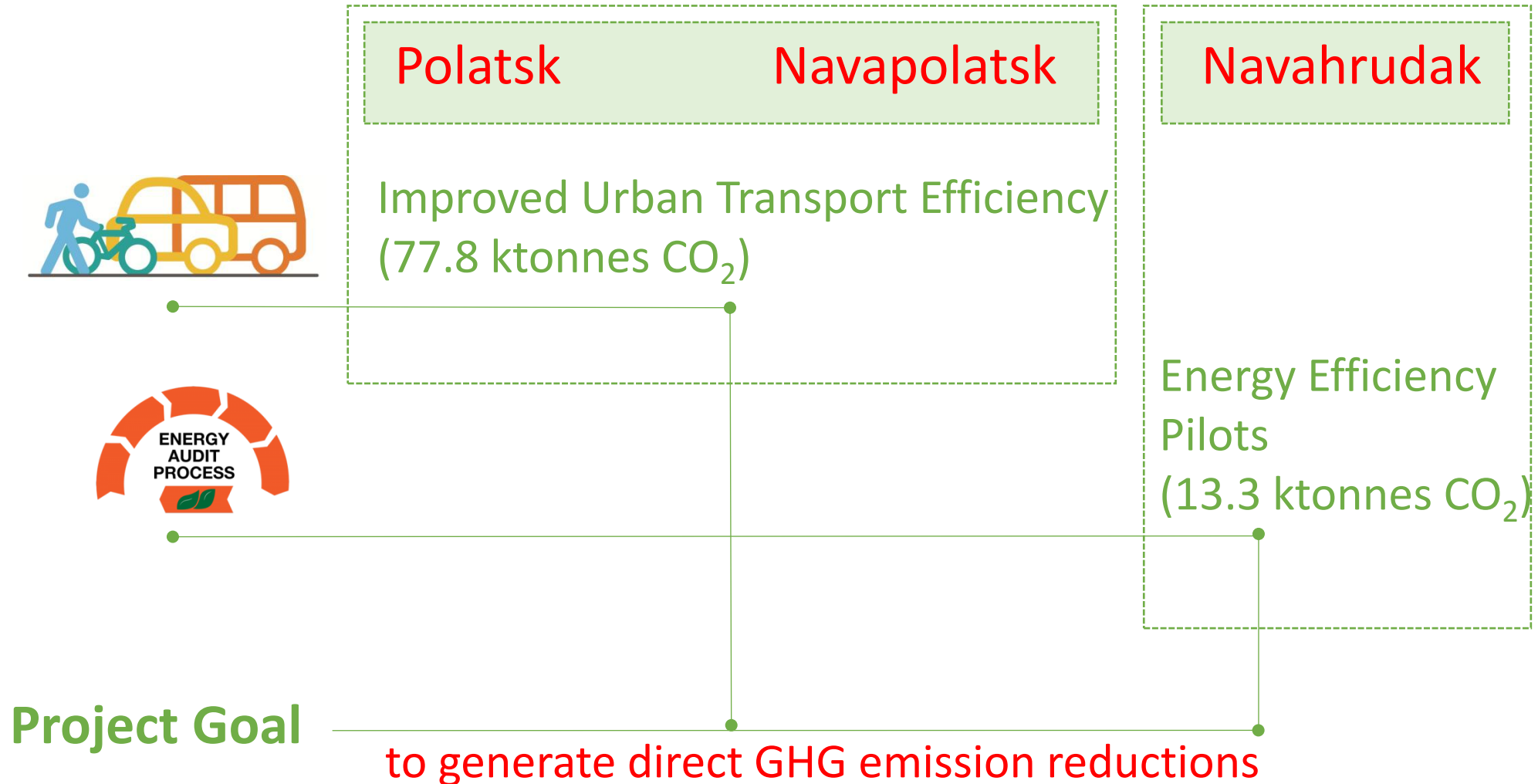
Executing Entity: Ministry of Natural Resources and
Environmental Protection
of the Republic of Belarus

Implementing Entity: UNDP



*Empowered lives.
Resilient nations.*

1 GOAL x 2 PATHS



1 GOAL x 2 PATHS x 1 VISION

GREEN URBAN DEVELOPMENT

Urban **Transport** Efficiency:

- Integrated Sustainable Urban Mobility Plans
(integration and extension of the Cycle Network,
Detailed Design Plans addressing strategic
transport needs of Polatsk and Novapolatsk)

Urban **Energy** Efficiency:

- Advanced Control and Management Systems
(street lighting and municipal laundry – pilots in Navahrudak)



1 GOAL x 2 PATHS x 1 VISION

GREEN URBAN DEVELOPMENT

- Approaching development priorities in a holistic manner utilizing best international practices
- Fully evaluating the social and environmental impacts of any green initiatives
- Ensuring that green initiatives undertaken are sustainable
- Taking lessons learned to improve the design and implementation subsequent green initiatives
- Working with existing centralized framework for urban planning in Belarus that will develop Green Urban Development Plans and Best Practice Guides for their replication throughout all Belarusian municipalities

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GREEN URBAN DEVELOPMENT

Urban **Transport** Efficiency:

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Urban **Energy** Efficiency:

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ENVIRONMENTAL ISSUES

URBAN GROWTH PATTERNS

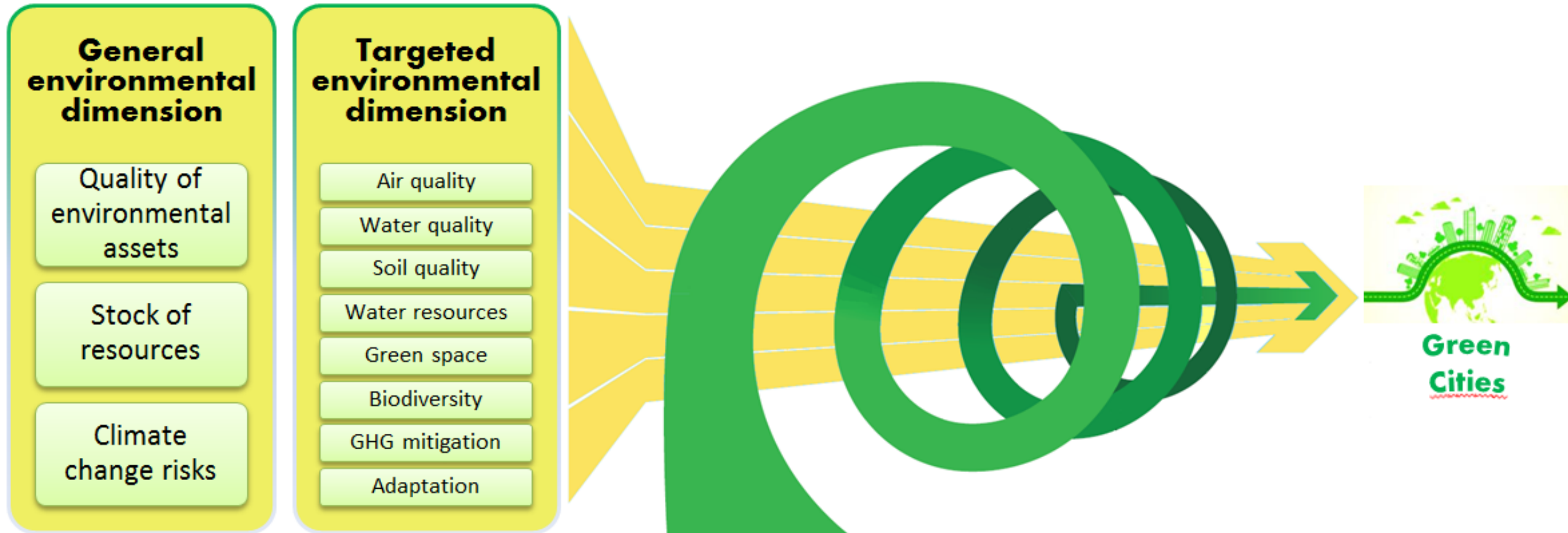
DENSITY vs QUALITY

URBAN INFRASTRUCTURES

SOCIAL & ECONOMIC IMPACTS



THE PROCESS



Source: Green cities' environmental dimensions and the cyclical process of Green City Action Plans.

PERFORMANCE INDICATORS

GREEN URBAN DEVELOPMENT



PLANNING

X

FRAMING

X

MEASURING

X

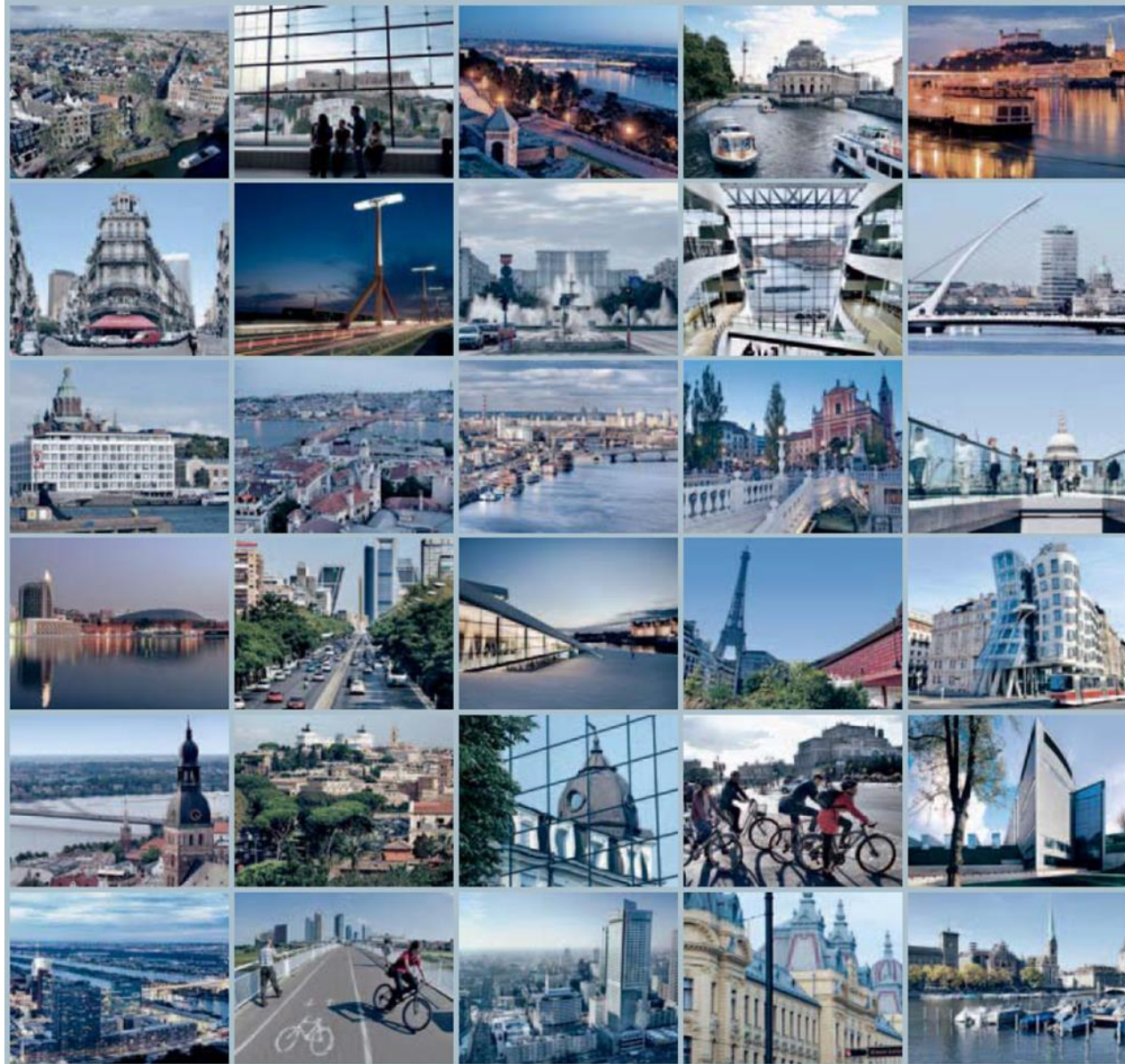
REPLICATING

GREEN URBAN
DEVELOPMENT
PLANS

An opportunity to create a place which is a benchmark in sustainability



Source: West Waddy ADP, the design for a new landscape led Sustainable settlement in the UK



European Green City Index

Assessing the environmental impact of Europe's major cities



Ecocity



United 4 Smart Sustainable Cities
Key Performance Indicators



CITYkeys performance measurement framework

EaPGREEN



Partnership for Environment and Growth

Green Growth Indicators

GREEN URBAN DEVELOPMENT PLANS

- | | | |
|-------------|---|---|
| PLANNING | | <ul style="list-style-type: none">• National Policies and Regulations<ul style="list-style-type: none">• various criteria and gap analysis |
| | X | |
| FRAMING | | <ul style="list-style-type: none">• Green Urban Development Plans' Status & Content<ul style="list-style-type: none">• Master Plans, ISUMP, SEAP etc.• City Profile Structure (Key Performance Indicators)• City Profiles• Green Blocks |
| | X | |
| MEASURING | | <ul style="list-style-type: none">• Regulations governing the monitoring of GHG reductions from Green Urban Development measures |
| | X | |
| REPLICATING | | <ul style="list-style-type: none">• Green Procurement• Monitoring, Review & Verification Programme• Replication mechanisms |



Thanks for your attention!

to be continued...