

NiCE project

Networking intelligent Cities
for Energy Efficiency

NiCE - details

- FP7 project
- Led by EUROCITIES
- Partners:
 - Clicks and Links
 - the City of Manchester
 - the Leibniz Institute of Ecological Urban and Regional Development
- Started: 1 September 2011, for 30 months

Project aim

Promote and advance implementation of the commitments of the Green Digital Charter (GDC)

The Green Digital Charter

- The Charter commits cities to reducing emissions through Information and Communications Technologies (ICT)
 - promoting progress in tackling climate change through the innovative use of digital technologies in cities
- 3 tangible commitments:
 - Deploy five large-scale ICT pilot projects before 2015
 - Decrease ICT's direct carbon footprint by 30% by 2020
 - Create a partnership of cities on ICT and Energy Efficiency until 2011

GDC Signatories

Currently signed
by 24 cities

Around 20 more
interested in
signing

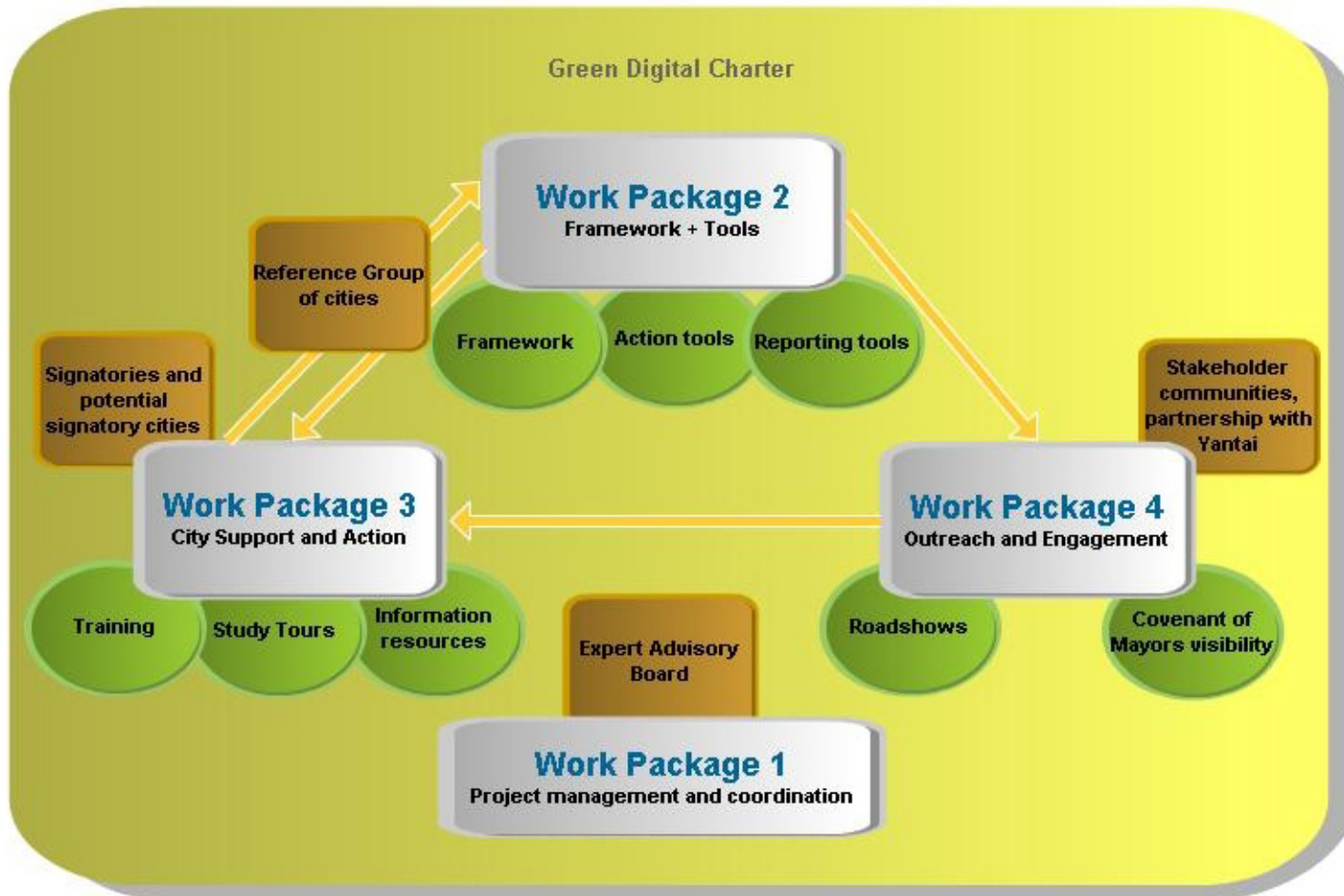


Project structure

Project structured in three key areas of action:

1. GDC Framework and Tools
2. City Support and Action
3. Outreach and Engagement

Project WPs



1. GDC Framework and Tools

- Objective: establishing a replicable framework for classifying, measuring and reporting on city actions on ICT and Energy Efficiency
- 2 Reporting tools
 - Method for ICT footprint reporting
 - Tool for GDC-CoM reporting
- Iterative process - evaluation and feedback loops

2. City Support and Action

- Objective: Providing cities with a comprehensive range of support to help progress actions based on the GDC
- Series of targeted exchange and learning activities:
 - Study tours - visiting leading cities in the field of ICT/EE
 - 5 technical trainings
 - “ICT Footprint Reduction - Best practices, Calculation and Reporting”
 - “Financing ICT-EE projects”

3. Outreach and Engagement

- Objective: Developing wider synergies with key stakeholders and initiatives
- Special focus on engaging with Covenant of Mayors and Chinese cities
- Networking and visibility events:
 - 3 GDC roadshows (hosted by GDC signatories)
 1. GDC and EU policy/funding
 2. Public-private cooperation on GDC commitments
 3. Energy grids & ICT
 - Collaboration with Covenant of Mayors

Project actors

- 4 NiCE consortium partners
- 2 advisory groups:
 - Reference Cities Group
 - Expert Advisory Board
- City of Yantai, China
- GDC signatory cities and potential signatory cities
- Third parties

Reference Cities Group (RCG)

- Composed of a representative mix of cities committed to GDC implementation into the project
 - Eindhoven, NL
 - Genoa, IT
 - Manchester, UK
 - Warsaw, PL
 - Yantai, China
- Will test the tools developed and evaluate NiCE support activities
 - Policy practitioners perspective
 - Structured validation approach

Expert Advisory Board - EAB

- Serve as feedback loop
- Complementary technical, scientific and business background
- Ensure widest possible quality, credibility and level of independent technical review for NiCE

- Dr Jessen Page, Austrian Institute of Technology (AIT)
- Molly Webb, The Climate Group
- Nicola Villa, Cisco
- Dennis Pamlin, Sustainability Consultant
- Claus Barthel, Wuppertal Institute

NiCE - How cities can get involved?

Three “categories” of participating cities:

- Green Digital Charter signatories
- NiCE reference cities
- All cities

Green Digital Charter signatories

- Benefit from free technical trainings
 - Travel & accommodation for 1 person/city reimbursed up to 600Eur/Person
- Benefit from free study tours
 - Travel and Accommodation for 1 person/city reimbursed up to 600Eur/Person
- Host a study tour
 - Technical support by project staff, no financial contribution
- Host one of 3 Green Digital Charter roadshows
 - 5500Eur support per roadshow for hosting costs)
- Use the final reporting & action tools to progress on Green Digital Charter commitments

NiCE reference cities

- Participate in meetings of reference city group (M4, 12, 24 - Travel and accommodation reimbursed up to 600Eur/Person per meeting) and virtual group meetings (M6, 14)
- Review and validate the draft versions of the Green Digital Charter implementation framework & tools
- Use the final reporting & action tools to monitor and structure city activities

All cities

- Benefit from technical training, Green Digital Charter roadshows and other events
- Use the final reporting & action tools to monitor and structure city activities
- Contribute to the creation of case studies and a knowledge library on Energy Efficiency & ICT in cities
- Contribute to the outreach of the project and the Green Digital Charter, by disseminating information at relevant national & local event
- Sign the Green Digital Charter 😊

Any question?

Thanks for your attention

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