



ISOCARP

45th ISOCARP Congress, Porto, Portugal, 18-22 October 2009
LOW CARBON CITIES



Low Carbon Cities

45th ISOCARP Congress
Conclusions

The Input:

- Six keynote speeches
- Three parallel Technical Seminars – 16 papers
- Five Workshops – about 100 presentations
- Review 05
- ISOCARP Comparative Study
- The YPP events
- A mass of other inputs

- Leading to **Seven Ingredients** for Low Carbon Cities

1 Urgency, Leadership and Vision

- Moving rapidly towards a low carbon future;
- Turning the approaches used in the successful low carbon schemes of today into the **mainstream** of tomorrow;
- Identifying and sharing **best practice** on low carbon approaches
- Adopting **long term** visions and trajectories for the spatial planning of cities and regions to secure progressively lower carbon futures

2. The developed and the developing world

- For the **developed nations** a commitment to secure an at least 80% reduction in carbon emissions by 2050;
- In the fast **industrialising developing countries**, a commitment towards emission reduction and low carbon developments (in line with what emerges from Copenhagen)
- In the **poorer developing countries**, an emphasis on new planning approaches, including adaptation to protect the vulnerable
- An avoidance everywhere of carbon intensive developments



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3.A three pillar approach embracing

- Public policy development
- Fostering awareness and lifestyle change
- Technological innovation

4. Public policy - action at all levels:

- International
- National
- Regional
- The City
- The neighbourhood
- The individual project

5. Integrated, inclusive planning:

- **Spatial planning policies** that integrate land use, transport, energy and waste planning
- An emphasis on the **compact city** but taking into account the particular regional and local circumstances
- Policies that embrace all other aspects of the green and blue environment;
- Policies that aim to secure genuine **GHG savings**
- City policies that are in the context of those for the wider region
- Policies that extend from the City to embrace the **rural hinterland**
- **Energy Planning** at the local level

6. Carbon conscious design

- Energy efficient, resource conscious cities, neighbourhoods and individual buildings;
- Places that are well connected but with reduced dependence on the car;
- Places where networks of open space, landscaping and opportunities for food growing are fully integrated with the built environment

7. Delivering Low Carbon Cities

- The delivery of growth that is zero carbon
- The **retrofitting** of existing development to secure maximum gains in efficiency against challenging targets that are in line with those set nationally and internationally
- Strategic action to upgrade the efficiency of the existing building stock
- Innovative organisational and funding arrangements to deliver the necessary action programmes.
- Training to secure the necessary skills



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