

# CLIMATE COMPASS



**A novel way to assist local governments  
to rapidly set up a climate action programme**

**Developed by the  
Climate Alliance of European Cities  
with Indigenous Rainforest Peoples**



**CLIMATE ALLIANCE  
KLIMA-BÜNDNIS  
ALIANZA DEL CLIMA**

**Supported by the  
European Commission**



**Gotelind Alber, Consultant, CCKIOSK at COP12, Nairobi, 2006**



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# Obstacles to local climate policy



- **Costly studies and plans don't necessarily lead to decision-making and implementation**
- **Lack of knowledge about differences and overlaps of climate policy and clean air policy**
- **Lack of mainstreaming climate policy into the relevant departments**



# The Climate Compass Approach



- **Start with process instead of detailed analysis**
- **Involve relevant policy-makers and staff**
- **Start with ongoing activities, reveal their relevance for climate change policy**
- **Apply **Climate Compass** tools to build upon 15 years of experience of local governments**
- **Concentrate on strategy, political process and immediate measures**



# Climate Compass Elements



- **Process** in three main leaps
- Initiated and guided by a **Promoter** involving local policy-makers and municipality staff (on-site advice)
- **Climate Compass Compendium** of policies & measures as the main tool to analyse current activity profile and define future policy



# Climate Compass Promoters



- **External experts (consultants, planners, engineers, environmental NGOs) who initiate and facilitate the **Climate Compass** process in the local government**
- **Training offered by the Climate Alliance**
- **Can be paid and sent by national or regional governments who wish to involve the local level**

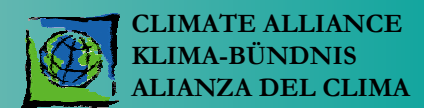


# Compendium of Measures: An activity chart per field of action



AGRICULTURE & FORESTRY					
GREEN PUBLIC PROCUREMENT					
TRANSPORT					
ENERGY					
Step: 1: getting started      2: moving forward      3: forging ahead      4: taking the lead					
URBAN DEVELOPMENT					
Step: 1: getting started      2: moving forward      3: forging ahead      4: taking the lead					
A	Define your overall	Review the relevant policies in the fields of	Identify opportunities, but also hindrances	Review and eventually adjust existing	Integrate and amplify planning
CLIMATE POLICY					
Step: 1: getting started      2: moving forward      3: forging ahead      4: taking the lead					
A	Adopt targets and develop a concept	Develop a general commitment to climate policy	Add a global CO2 reduction target	Adopt detailed reduction targets for all relevant sectors	Set targets to become a "100 % renewable" community
B	Institutionalise your climate policy	Determine a responsible officer / department for your future climate policy	Inform and involve all relevant departments in your climate policy	Regularly report to the political decision-makers about the progress of your climate policy	Establish a climate protection agency (including both involved departments and external parties, stakeholders etc.)

Gotelind Alber, Consultant, CCKIOSK at COP12, Nairobi, 2006



# Compendium of Measures

## Example: Transport



### Ambition levels

Themes  
and  
Tasks

TRANSPORT					
Step:	1: getting started	2: moving forward	3: forging ahead	4: taking the lead	
A	Develop an integrated transport strategy	Define a vision, set targets and extract priority areas for action	Adopt rules for implementation and planning principles	Set up a detailed action plan	Develop strategies to overcome barriers, identify new focal areas for activities and innovative measures
B	Get your own staff on the right track	Inform your employees about the impact of their travel to and from work and about the alternatives	Set up a mobility plan for your local administration	Value the mobility behaviour of your staff and promote it towards the public	Offer new models for work and work-time to minimise transport load
C	Mobilise stakeholders for sustainable mobility	Involve relevant companies, institutions and organisations in the development of the transport strategy	Train some local authority staff to help companies customise specific mobility plans	Offer accompanying services and set restrictions to support the individual mobility plans	Establish performance agreements with companies and organisations
D	Increase the share of zero carbon modes	Set targets in terms of the market share of cycling and walking	Work continuously on the extension and improvement of your cycling and pedestrian network	Consider cyclists and pedestrians as main actors when reorganising the distribution of roadways	Become a cycling city!
E	Provide a convenient public transport	Increase insights in the possibilities of existing public transport	Improve public transport facilities and services	Develop and implement action plans on smooth and efficient intermodal interchanges	Achieve a best practice public transport system
F	Restrict traffic flows by managing parking space	Increase compliance with existing parking regulations	Start in the city centre to use parking and access restrictions to tempt users back to sustainable modes of transport	Set up and implement step-by-step an integrated parking programme	Introduce regulations to limit parking space in new developments

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# Options to apply the Compendium



- **Definition of minimum requirements for commitments, for funding, for quality labels etc.**
- **National or regional funding programmes**  
**Example: Dutch Covenant with municipalities**
- **Could be useful for any actors, if quantified commitments are difficult to define**





# Supporting Climate Compass Materials



- **“Measure Cards”** with detailed explanations on all measures, costs, steps for implementation
- **Good Practice Case Studies**  
detailed description of around 200 recommended “no regret” measures
- **Data - Facts - Arguments**  
(benefits, cost saving, ...)
- **Resources**  
(web tools, checklists, decision-making tools)



# 1st Climate Compass Leap: Take stock of what is already there



- Use the Compendium for a Climate Scan of past and ongoing activities relevant for climate protection
- Raise awareness about the linkages between climate policy and other policies (clean air, energy & cost saving, avoid traffic congestion)
- Check for relevant existing plans (energy, transport etc.) and upcoming decisions to be taken (e.g. refurbishment of city hall, new housing area)



# Climate Scan, based on CC Compendium



- For each field of action, mark the cells which best describe actual activities
- For clarification, refer to the detailed descriptions
- Result: Your activity profile

ENERGY				
Step:	1: getting started	2: moving forward	3: forging ahead	4: taking the lead
<b>A Define your energy policy and adopt targets</b>	Define fundamental objectives of your energy policy	Lay the ground for your energy policy, formulate the action programme	Adopt detailed targets for individual sectors or subjects	Adopt the target: 100% renewable!
<b>B Institutionalise your energy policy</b>	Define responsibilities and allocate staff	Install cross-sectoral cooperation structures within the administration	Involve municipally owned companies in the energy policy	Install a local/regional energy agency
<b>C Use innovative financing schemes</b>	Inform yourself about national and European funding opportunities	Identify first buildings for Energy Performance Contracting (EPC)	Analyse results of your first contract and potentials for enlargement to additional buildings	Reform financial framework conditions to facilitate internal EPC and apply it to all public buildings
<b>D Bring your own facilities up to scratch</b>	Check selected own facilities in terms of energy use and saving potentials	Establish energy performance standards for municipal buildings	Install an energy management system for all municipal buildings, including energy audits	Improve energy performance standards for public buildings
<b>E Become a model for sustainable energy use</b>	Define a package of sustainable energy measures with low initial investment or very short pay-back time	Define a package of sustainable energy measures that require higher initial investments	Purchase green electricity to supply a portion of your energy demand	Resolve upon the continuous progression of the share of green electricity
<b>F Provide "green" public lighting</b>	Analyse potentials for immediate savings in public lighting	Formulate a public lighting policy plan focussing on energy efficiency	Purchase green electricity for public lighting	Implement the policy plan and move forward to 100% Renewable Energy Sources (RES) target for your public lighting network
<b>G Support the implementation of renewable energy projects</b>	Generate a share of your municipality's electricity and/or heat demand in own RES plants	Set up a land register for the potentials of RES use	Create an offer of green electricity for your citizens	Implement a long term action programme for RES and Combined Heat and Power generation (CHP) to achieve a 100 % community
<b>H Inform and involve the citizens</b>	Inform the citizens about your energy policy and give hints for own contributions	Install a local energy advice centre	Organise targeted campaigns on energy efficiency	Mainstream energy in education and professional training
<b>I Refurbish existing housing stock</b>	Inform house-owners about the potentials to increase the energy efficiency of their building	Collect data and set up a land register for energy use in the housing stock	Label the housing stock according to their energy efficiency and offer targeted advice and recommendations	Set up a loan programme for retrofitting the housing stock in terms of energy efficiency
<b>J Work on green office buildings</b>	Promote your energy management system towards external companies	Investigate and establish energy performance standards for offices	Set up demonstration projects	Establish energy forums and offer energy performance services



# 2nd Climate Compass Leap: Explore Options for Action



- Discuss possible priority areas, and actions to be taken in these areas
- Identify connections to existing commitments and plans (e.g. LA21, Energy Plan)
- Try to find out weak points, and motivate participants to look at these areas
- Find a balance between strengthening the strong points, and tackling the weak points



# Strategising, based on CC Compendium



- Mark the cells where you intent to be more active
- Again, refer to detailed descriptions and case studies
- Result: Your future activity profile, input for decision-makers

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# 3rd Climate Compass Leap: Define Strategy



- **Agree on new activity profile**
- **Agree on priority measures which can be simple for beginners**
- **Agree on next steps !**
- **Identify core group to coordinate activities**
- **Clarify requirement for further input from experts**



# Next Steps



- **Consultation of stakeholders (energy and transport companies, citizens groups)**
- **Adoption of the programme**
- **Prepare implementation (detailed measures, responsibilities and coordination, allocation of time and money)**
- **Prepare monitoring (indicators, data, reporting format and frequency)**
- **Prepare systematic plan during the implementation of first policies & measures**



# Perspectives of the Climate Compass



- **Inclusion of adaptation measures (EU Interreg IIIc Project AMICA)**
- **Modification of the Compendium to allow application in other regions**
- **Training of promoters in these regions**
- **Promoters can be sent by national or regional governments who wish to involve the local level**
- **Involving local governments would help to meet Kyoto targets and future commitments at relatively low cost, with large ancillary benefits!**

