

Annex: Overview of cross cutting issues and options for activities in the project cluster (October 2009)

	ALFA	AMICE	C-CHANGE	ForeStClim	FRC	Future Cities	IMCORE	WAVE	Comments regarding potential strategic cluster activities: Possible inputs by projects – x – and outputs of strategic cluster activity that could be used by projects – o –
Assessment tools³⁾									
a) Water	X	X		X	X	X	O X	X	Future Cities: Assessment check for climate proof city regions; checklists to identify the vulnerability and recommendations to draw consequences for risks and chances; ForestClim soil and water assessment tool (SWAT) for modelling the water budget of test sites (catchment and stand scale) Within ALFA and FRC prediction and assessment of flood risk caused by climate change is important; however, the framework of climate change is given and will not be assessed AMICE Assessment of modified water levels on economic sectors : water transport/ water consumption/ agriculture/ energy production; IMCORE that we benefit from the combined impact of outputs and activities from a number of projects <i>Future Cities Input for vulnerability check welcome about processes and data Comparison with other assessment methods is interesting for AMICE</i>
b) Regional planning	X		X	O		(X)	O X	X	ALFA and FRC The Flood safety is affecting regional planning <i>ForestClim Assess role/importance of forests within landscape-scale "regional cooling" concepts</i>
c) Urban planning			X		X	X		X	Future Cities Check FRC GIS tools are developed to deal with floods. I.e evacuation routes
d) Forestry			X	X					ForestCim Tool for climate-proof site evaluation; genetic analyses; satellite image interpretation of erosion, drought etc.; finally: climate-proof decision support tool for forest owners
e) Coastal							O X		

Impact evaluation3)									
a) Temperature City			X			X			Future Cities Check: Output: module 2 (list and further information about impacts in the involved regions)
b) Water	X	X		X	X	X	O	X	Future Cities Check: Output: module 2 ForestClim SWAT model runs with predicted future climate; task force on drought tolerance of Douglas Fir AMICE Impact of climate change on water levels / Impact of water levels on economy
c) Agriculture	X	O	X					X	ALFA Farmers will be affected in the project area. They will have to adapt, or move to other locations. C-Change Urban agriculture, urban forestry: can provide outputs for all thematic areas of c-change; input requirement to be confirmed as projects progress <i>Evaluation of impact of climate change on this topic could help us make better recommendations within AMICE</i>
d) Forests		O	X	X					ForestClim Local/regional climate scenarios; Forest growth modelling (SILVA); economic impact analyses C-Change, urban forestry: (s. above) <i>Evaluation of impact of climate change on this topic could help us make better recommendations within AMICE</i>
e) Society	X	O	X		X		O X	X	IMCORE socio-economic drivers in case study sites. Tools will ensure holistic approach. In FRC in the Cities groups of volunteers will organize them self's to be prepared in case of floods. The acceptance of the society (Solidarity between farmers and cities) to pay for flood management infrastructure is one of the issues in ALFA is one of the think that can be evaluated <i>Evaluation of impact of climate change on this topic could help us make better recommendations within AMICE</i>
f) follow up effects / interlinks		X	X				O X		AMICE Impact of modified water levels on water protections (existing or planned) and flood crisis management
g) Fishery							O X		

Adaptation measures ³⁾									
a) Water / flood / risk	X	X		X	X	X	X	X	Future Cities Check: list and factsheets about possible adaptation measures; ALFA: New concepts to flooding areas and draining will be an output for the SC (construction of retention basins, adaptation of farms / farmer's activities) FRC: combination of 4 types (A) of adaptation to make the cities flood resilient. Awareness raising of flood risk; Avoidance of building in flood areas; Alleviation Build technical constructions to protect against floods; Assistance help people how are affected by floods. FRC Output: new way of looking at the adaptation to climate change ForestClim Water retention and erosion reduction measures in forests <i>Future Cities More examples about concrete adaptation measures welcome, e.g. from forest sector or social sector</i>
b) Water / draughts	X	X		X		X		X	Future Cities Check: Output: list of adaptation measures ForestClim Usage of site-adapted species/varieties;
c) Regional planning	X	(X)	X			(X)	O X	X	Through 9 case studies IMCORE will develop new tools and good practice and promote it to policy-makers and other stakeholders; Mainstreaming coastal change adaptation measures into mainstream spatial and economic planning is essential.
d) Urban planning		(O)	X		X	X		X	Future Cities Check: Output: list of adaptation measures C-Change: A series of exemplar multi-functional urban open space responses to climate change focusing on practical and technological solutions, with a set of transnational recommendations FRC Output : flood resilient houses <i>Adaptation measures in the other sectors are always interesting to get a better overview and check our propositions are coherent. But they are not necessary for the goals of AMICE.</i>
e) Forestry				X					ForestClim Tree species/variety selection; adaptation of forest management regimes (e.g. thinning periods); forest hygiene
f) Nature protection	X	((X))		X	X				ALFA New nature management technologies are an output for the SC ForestClim advancing the forest impact planning (ideal of multi-functional forests), thus maintaining forests as valuable habitat
g) Coastal change								X	
h) Marine environment								O X	

Policy recommendation										
a) EU-policy			X	X			o	o X	ForestClim Subject: MCPFE (Ministerial Conference on the Protection of Forests in Europe) policies <i>AMICE A 'Draught' Directive is being discussed, similar to the water directive or flood directive. We are still at a very early stage where outputs from AMICE could be used, but we have no means so far to reach the people negotiating it.</i>	
b) National policy		(X)	X	X			X	o X	Future Cities Check: Output: recommendations for priorities for action C-Change Guidance (s. below) ForestClim Subject: national silvicultural management strategies <i>Future Cities More input about financing tools welcome</i>	
c) Regional policy		X	X	X			X	o X	X	C-Change Guidance (s. below) Future Cities Check: Output: module 4 ForestClim Subject: silvicultural management practices in the regions of our partners, e.g. German state of Rhineland-Palatinate IMCORE will produce local and regional adaptation strategies
d) Local policy		((X))						o X		C-Change Guidance to State, regional and local governments on climate-proofing spatial plans based on expert analysis of different approaches tested against the revised London Plan, and a set of specific regional planning recommendations for each partner. Recommendations for a set of principles for developing urban green space strategies as tools for adaptation and mitigation.
e) Mainstreaming ¹⁾							o			IMCORE will gather and disseminate good practice

Communication							2)		
									C-Change: Stakeholder Engagement – specific focus on engaging a wider audience and specific target groups in behaviour change activities; developing learning & communication tools; Multi-functional open space and climate change adaptation - developing learning & communication tools. <i>Future Cities for all levels: To build up an exchange platform for involved staff could be very useful to enhance the know-how of all project partners</i>
a) Public	X	X	X	X	X	(X)	○ X	X	(Future Cities Flyer, campaigns) FRC and ALFA project results will be delivered to the public Type b film, website etc AMICE film and website ForestClim Establishing information centres about forests and climate change
b) Specialists / Science	X	X	X	X	X	X	○ X	X	Future Cities papers, conferences, checklists FRC and ALFA With specialists there will be two way communication Type a AMICE Publications, symposiums ForestClim Scientific papers from university partners <i>Joint presentation of results to European scientific institutions (e.g. the JRC)</i>
c) Administration / execu.	X	X	X	X	X	X	○ X	X	Future Cities papers, conferences, checklists FRC and ALFA Type b website etc AMICE Intermediate reports and presentations IMCORE strong communication element. Its goal is to effect behaviour change amongst practitioners, and to promote the use of tools developed in the project and elsewhere. Use of web-based resources ForestClim Nearly all major forest services are part of the project / project's advisory board
d) Local Polit./pol.makers	X	X	X	X	X	X	○ X	X	Future Cities summaries of results, brochures, conferences, newsletter, posters FRC and ALFA Type b website etc AMICE Press releases, presentations ForestClim Kick of-/mid term-/final conference; summaries for policy makers
e) Nation. Politics/pol. mak.	X	X	X	X	X	X	○ X	X	Future Cities summaries of results, brochures, conferences, newsletter, posters FRC and ALFA Type b website etc AMICE Intermediate reports and presentations ForestClim Kick of-/mid term-/final conference; summaries for policy makers
f) EU-Politics / pol. makers	X			X	X		○ X		FRC and ALFA Type b website etc ForestClim Executive summaries, booklet on NWE's cultural landscapes and future perspective <i>Joint summaries of cluster projects for EU politicians</i>
g) local populations							○ X		FRC and ALFA Part of the project is communication with the affected population. Type a AMICE Site visits on location of AMICE's investments <i>ForestClim Joint development of pedagogical tools to illustrate the effects of and adaptation to climate change</i>

Policy change evaluation									
Policy change evaluation									
Please add									
Behaviour change			X						C-Change: Delivery of a series of exemplar transnational Actions and Investments linked to multi-functional open spaces, demonstrating how different stakeholders from different social, demographic and economic strata be engaged in joint practical activities addressing climate change

Legend: X – input by project can be delivered O – output for project helpful

Remarks:

- 1) Mainstreaming: climate change into other policies
- 2) Addressing 2 kinds of measures:
 - a) methods of communication (visualisation techniques, scenarios etc.)
 - b) communication of the results as such (delivering messages to policy-makers, public etc.)
- 2) The difference between the categories was subject to discussion in Cologne and again questioned in Rotterdam. The discussion is not finalised yet. For the time being it was agreed to leave the different categories, and shorten the list later if applicable. "Assessment tools" is a rather wide category, they could address the evaluation of impacts or as well the evaluation of adaptation measures but also especially the whole system from vulnerability assessment over risk assessment, setting priorities and choosing / implementing adaptation measures.