



Project no. GOCE-CT-2003-505539

Project acronym: ENSEMBLES

Project title: ENSEMBLE-based Predictions of Climate Changes and their Impacts

Instrument: Integrated Project

Thematic Priority: Global Change and Ecosystems

### **D5.0 Meeting report and RT reports**

Due date of deliverable: Month 18  
Actual submission date: 20 July 2006

Start date of project: 1 September 2004

Duration: 60 Months

Organisation name of lead contractor for this deliverable: INGV

Revision [draft, 1, 2, ...]

<b>Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)</b>		
<b>Dissemination Level</b>		
<b>PU</b>	Public	X
<b>PP</b>	Restricted to other programme participants (including the Commission Services)	
<b>RE</b>	Restricted to a group specified by the consortium (including the Commission Services)	
<b>CO</b>	Confidential, only for members of the Consortium (including the Commission Services)	

## Meeting Report

RT5 held a joint meeting with RT4 on 5 September during the 2005 General Assembly in Athens to discuss progress over the first year and plans for the coming 18 months. The discussions of this meeting were important input for the Periodic Activity Report and the Detailed Implementation Plan in the first year reports.

## 6-month progress report

**Period: 1 September 2005 to 28 February 2006**

**RT5, prepared by Albert Klein Tank and Antonio Navarra on 20 July 2006**

### Status of milestones and deliverables due in this period:

Number	Date due	Description	Status <sup>1</sup>
D5.1	Month 18	Workshop on RT5 key issues and research priorities for years 2-5 of ENSEMBLES.	Completed on time (part of GA Athens)
D5.7	Month 18	Assessment of the skill of seasonal NAO and PNA using multi-model seasonal integrations from DEMETER;	Completed on time
D5.8	Month 18	Assessment of the available station density for the gridding and daily data quality/homogeneity.	Completed on time
M5.2	Month 18	Prototype of an automatic system for forecast quality assessment of seasonal-to-decadal hindcasts	Completed on time
D5.9 and M5.4	Month 18	Report on the analysis of possible gridding methods	Completed on time

### Forecast status of milestones and deliverables due in next 6 months:

Number	Date due	Description	Forecast Status <sup>2</sup>
D5.0	Month 18	Meeting report and RT reports.	Delivered on 20 July 2006 (this report)
D5.2 and M5.1	Month 18	Assessment of the decadal-scale variations of precipitation extremes in ERA40 by comparison to observations in the Alpine Region.	Delivered on 31 March 2006
D5.3	Month 18	Scientific article/report and Matlab software on optimal statistical methods for combining multi-model forecasts to make probabilistic forecasts of rare extreme events.	Delivered on 17 March 2006
D5.4	Month 18	Scientific article/report on the best methods for verifying probability forecasts of rare events.	Delivered on 20 March 2006

<sup>1</sup> E.g., completed on time, completed 1 month late, expected to be completed 2 months late because of [some reason]

<sup>2</sup> E.g., expected to be completed on time, expected to be completed 2 months late because of [some reason]

D5.5 and M5.3	Month 18	Report on systematic errors in the ENSEMBLE models.	Delivered on 15 July 2006
D5.6	Month 18	Outline assessment of decadal forecast quality in the IndoPacific sector from the initial ENSEMBLES forecasts	Expected to be complete by mid-August 2006
D5.10	Month 18	Workshop report on "Lessons learned from seasonal forecasting: health protection"	Delivered on 24 March 2006

### **Summary of achievements this period<sup>3</sup>:**

All work packages have worked towards completing the deliverables due in Month 18. However, for various reasons, slight delays were unavoidable. Four of the delayed deliverables were completed within 30 days of the deadline; only for two the delivery date has shifted 6 months. See the table for details. RT5 was also actively involved in various ENSEMBLES-meetings and has prepared Journal papers, which are often based on the submitted deliverables.

### **Summary of anticipated future problems and solutions (if any):**

By the end of Year 2 all the 18 months deliverables will be available and there are no problems expected. Implications of the delays for the deliverables planned in Month 24 and 30 are modest and will be reflected in the DIP for Months 25-42.

### **Any issues to be raised with, or advertised to, other RTs<sup>4</sup>:**

Thanks to the successful work carried out in the first 18 months, the Climate Explorer (<http://climexp.knmi.nl/>) has already become an invaluable tool for exploratory analysis of the ENSEMBLES seasonal-to-decadal integrations. Partners in other RTs (especially RT1, RT4 and RT6) might find this development particularly useful.

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<sup>3</sup> A few sentences or bullet points should suffice, perhaps 1 or 2 for each active WP

<sup>4</sup> E.g., we need ... from RTx by Jun06. We will be able to provide ... to RTx by Aug06. Constructive feedback and suggested improvements to the running of the project can be provided here, for RT0 or other RTs.