Joint Eurostat/UNECE
WORK SESSION ON DEMOGRAPHIC PROJECTIONS

Organized in cooperation with Istat

(Rome, 29-31 October 2013)

AGENDA AND TIMETABLE

The meeting will be held at Roma Eventi Fontana di Trevi
Piazza della Pilotta, 4
Rome - Italy

SUMMARY OF AGENDA ITEMS FOR THE MEETING:

1. Opening of the meeting and welcoming remarks
2. Adoption of the agenda and election of officers
3. Key note lectures
4. Assumptions on future migration
5. Assumptions on future mortality
6. Actual and potential use of demographic projections at national and international level
7. National and international population projections out of the EU region
8. Assumptions on future fertility
9. Stochastic methods in population projections
10. Household projections
11. Demographic sustainability and consistency with macroeconomic assumptions
12. Bayesian approaches (1)
13. Bayesian approaches (2)
14. Multiregional projections
15. Beyond population projections by age and sex: inclusion of additional population characteristics
16. Population projections by age, sex and level of education (1)
17. Population projections by age, sex and level of education (2)
18. Adoption of the report and closing of the meeting

TIMETABLE

Time	Item	Session/Activity	Doc. number
TUESDAY, 29 OCTOBER 2013, MORNING – AULA CARDUCCI – PLENARY SESSION			
9:30–10:30	Registration of participants and welcome coffee		
10:30–11:20	1.	**OPENING OF THE MEETING** Welcoming remarks by**:** • ***Antonio Golini*** | *Istat* • ***Eduardo Barredo Capelot*** | *Eurostat* • ***Paolo Valente*** | *UNECE*	
11:20–11:30	2.	**Adoption of the agenda and election of officers**	Agenda
11:30–13:00 11:30–12:15 12:15–13:00	3.	**KEYNOTE LECTURES** • Probabilistic demographic projections ***Nico Keilman*** | *University of Oslo* • Population Ageing - A Threat to the Welfare State? ***Tommy Bengtsson*** **|** *University of Lund*	 KL.1 KL.2
13:00–14:30	**Lunch break** Note: in the afternoon and on the second day there will be parallel sessions in 2 conference rooms (*Aula CARDUCCI* and *Aula FOSCOLO*)		

Time	Item	Session/Activity	Doc. number
TUESDAY, 29 OCTOBER 2013, AFTERNOON – AULA CARDUCCI – PARALLEL SESSION			
14:30–16:00	4.	**ASSUMPTIONS ON FUTURE MIGRATION** Chair: ***Valerio Terra Abrami*** | *Istat*	
14:30–14:45		• Projections of ageing migrant populations in France: 2008-2028 ***Jean Louis Rallu*** | *INED*	WP4.1
14:45–15:00		• Introducing duration dependant emigration in DREAMs population projection model ***Marianne Frank Hansen*** **|** *DREAM*	WP4.2
15:00–15:15		• Model to forecast the re-immigration of Swedish-born by background ***Andreas Raneke*** **|** *Statistics Sweden*	WP4.3
15:15–15:30		• Dynamical models for migration projections ***Violeta Calian*** **|** *Statistics Iceland*	WP4.4
15:30–16:00		Questions & Discussion	
16:00–16:30	Coffee break		
16:30–18:00	5.	**ASSUMPTIONS ON FUTURE MORTALITY** Chair: ***Graziella Caselli*** | *University of Rome "La Sapienza"*	
16:30–16:45		• Cohort effects and structural changes in the mortality trend ***Edviges Coelho*** | *Statistics Portugal,* ***Luis Catela Nunes*** **|** *Nova University of Lisbon*	WP5.1
16:45–17:00		• Evaluation of Korean Mortality Forecasting Models ***Jee Seon Baek, Mi Ock Jeong, YunKyoung Oh, Ji-Youn Lee, Sooyoung Kim*** **|** *Statistics Korea*	WP5.2
17:00–17:15		• Coherent forecasting of multiple-decrement life tables: compositional models for French Cause of Death data, 1925-2008 ***Jim Oeppen*** **|** *MPIDR****, Carlo Giovanni Camarda*** | *INED*	WP5.3
17:15–17:30		• Changing mortality trends by age and sex are challenges for assumptions on future mortality ***Örjan Hemström*** **|** *Statistics Sweden*	WP5.4
17:30–18:00		Questions & Discussion	

Time	Item	Session/Activity	Doc. number
TUESDAY, 29 OCTOBER 2013, AFTERNOON – AULA FOSCOLO – PARALLEL SESSION			
14:30–16:00	6.	**ACTUAL AND POTENTIAL USE OF DEMOGRAPHIC PROJECTIONS AT NATIONAL AND INTERNATIONAL LEVEL** Chair: ***Maria Graça Magalhães*** | *Statistics Portugal*	
14:30–14:50		• Indexation of the pension age to projected remaining life expectancy in The Netherlands. ***Coen van Duin*** | *Statistics Netherlands*	WP6.1
14:50–15:10		• The role of population projections for a redefinition of the Portuguese higher educational institutional network ***Le Rui Dias, Maria Filomena Mendes, M. Graça Magalhães, Paulo Infante*** | *University of Évora*	WP6.2
15:10–15:30		• On the use of seasonal forecasting methods to model birth and deaths data as an input for monthly population estimates ***Jorge Bravo*** | *University of Évora,* ***Edviges Coelho*** | *Statistics Portugal,* ***M. Graça Magalhães*** **|** *Statistics Portugal*	WP6.3
15:30–16:00		Questions & Discussion	
16:00–16:30	Coffee break		
16:30–18:00	7.	**NATIONAL AND INTERNATIONAL POPULATION PROJECTIONS OUT OF THE EU REGION** Chair: ***Giampaolo Lanzieri*** | *Eurostat*	
16:30–16:45		• Qualitative and methodological aspects of population projections in Georgia; Georgian Population Prospects: 1950-2050 ***Avtandil Sulaberidze, Shorena Tsiklauri*** | *Ilia State University*	WP7.1
16:45–17:00		• Population Prospects of Georgia ***Nika Maglaperidze*** | *Ilia State University*	WP7.2
17:00–17:15		• Estimation of the size and vital rates of the *Haredi* (ultra-orthodox) population in Israel for the purpose of long-range population projections ***Ari Paltiel*** **|** *Israel Central Bureau of Statistics*	WP7.3
17:15–17:30		• Population and development scenarios for EU neighbor countries in the South and East Mediterranean region ***George Groenewold, Joop de Beer*** | *NIDI*	WP7.4
17:30–18:00		Questions & Discussion	

End of first day

Time	Item	Session/Activity	Doc. number
WEDNESDAY, 30 OCTOBER 2013, MORNING – AULA CARDUCCI – PARALLEL SESSION			
09:30–11:00	8.	**ASSUMPTIONS ON FUTURE FERTILITY** Chair: ***Maria Graça Magalhães*** | *Statistics Portugal*	
09:30–09:45		• Contribution of fertility model and parameterization to population projection errors ***Dalkhat M. Ediev*** **|** *VID*	WP8.1
09:45–10:00		• New family values and increased childbearing in Sweden? ***Lotta Persson, Johan Tollebrant*** | *Statistics Sweden*	WP8.2
10:00–10:15		• Projecting fertility by regions considering tempo-adjusted TFR, the Austrian approach ***Alexander Hanika*** **|** *Statistics Austria*	WP8.3
10:15–10:30		• Effects of childbearing postponement on cohort fertility in Germany ***Olga Pötzsch, Bettina Sommer*** **|** *Destatis*	WP8.4
10:30–11:00		Questions & Discussion	
11:00–11:30	Coffee break		
11:30–13:00	9.	**STOCHASTIC METHODS IN POPULATION PROJECTIONS** Chair: ***Rebecca Graziani*** | *Bocconi University*	
11:30–11:45		• Measuring uncertainty in population forecasts: a new approach ***David A. Swanson*** | *University of California Riverside*, ***Jeff Tayman*** | *University of California San Diego*	WP9.1
11:45–12:00		• Stochastic population forecast: an application to the Rome Metropolitan Area ***Salvatore Bertino*** | *University of Rome "La Sapienza"*, ***Oliviero Casacchia*** | *University of Rome "La Sapienza"*, ***Massimiliano Crisci*** **|** *IRPPS-CNR*	WP9.2
12:00–12:15		• Long-term contribution of immigration to population renewal in Canada: a sensitivity analysis using *Demosim* ***Patrice Dion, Éric Caron Malenfant, Chantal Grondin*** **|** *Statistics Canada*	WP9.3
12:15–12:30		• From agent-based models to statistical emulators ***Jakub Bijak, Jason Hilton, Eric Silverman, Viet Dung Cao*** **|** *University of Southampton*	WP9.4
12:30–13:00		Questions & Discussion	
13:00–14:30	Lunch break		

Time	Item	Session/Activity	Doc. number
WEDNESDAY, 30 OCTOBER 2013, MORNING – AULA FOSCOLO – PARALLEL SESSION			
9:30–11:00	10.	**HOUSEHOLD PROJECTIONS** Chair: ***Marco Marsili*** | *ISTAT*	
9:30–9:50		• Estimating the number of households: an unavoidable challenge for the statistical system ***Antonio Argüeso Jiménez, Sixto Muriel de la Riva*** | *INE*	WP10.1
9:50–10:10		• A household projection model for Belgium based on individual household membership rates, using the LIPRO typology ***Marie Vandresse*** **|** *Federal Planning Bureau*	WP10.2
10:10–10:30		• Household Projections and Welfare ***Elisa Barbiano di Belgiojoso, Gian Carlo Blangiardo*** **|** *University of Milan Bicocca****, Alessio Menonna*** **|** *ISMU****, Natale Forlani*** **|** *Ministero del Lavoro e delle Politiche Sociali*	WP10.3
10:30–11:00		Questions & Discussion	
11:00–11:30	Coffee break		
11:30–13:00	11.	**DEMOGRAPHIC SUSTAINABILITY AND CONSISTENCY WITH MACROECONOMIC ASSUMPTIONS** Chair: ***Elisabetta Barbi*** | *University of Rome "La Sapienza"*	
11:30–11:50		• Ageing alone? The future of the Portuguese population in discussion ***Filipe Ribeiro, Lídia Patrícia Tomé, Maria Filomena Mendes*** **|** *University of Évora*	WP11.1
11:50–12:10		• Integrating labor market in population projections ***Juan Antonio Fernández Cordón*** **|** *CSIC - Spanish Council for Scientific Research,* ***Joaquín Planelles Romero*** **|** *Institute of Statistics and Cartography of Andalusia*	WP11.2
12:10–12:30		• Economic factors and net migration assumptions for EU countries – how to incorporate lessons from the recent economic crisis? ***Pawel Strzelecki*** **|** *Warsaw School of Economics*	WP11.3
12:30–13:00		Questions & Discussion	
13:00–14:30	Lunch break		

Time	Item	Session/Activity	Doc. number
WEDNESDAY, 30 OCTOBER 2013, AFTERNOON – AULA CARDUCCI – PARALLEL SESSION			
14:30–16:00	12.	**BAYESIAN APPROACHES (1)** Chair: ***Graziella Caselli*** | *University of Rome "La Sapienza"*	
14:30–14:50		• Bayesian functional models for population forecasting ***Han Lin Shang, Arkadiusz Wiśniowski, Jakub Bijak, Peter W.F. Smith, James Raymer*** | *University of Southampton*	WP12.1
14:50–15:10		• Towards stochastic forecasts of the Italian population: an experiment with conditional expert elicitations ***Francesco Billari*** | *University of Oxford****, Gianni Corsetti*** **|** *Istat****,*** ***Rebecca Graziani*** | *Bocconi University****, Marco Marsili*** | *Istat****,*** ***Eugenio Melilli*** **|** *Bocconi University*	WP12.2
15:10–15:30		• Expert-Based stochastic population forecasting: a bayesian approach to the combination of the elicitations ***Francesco Billari*** | *University of Oxford****, Rebecca Graziani*** | *Bocconi University****, Eugenio Melilli*** **|** *Bocconi University*	WP12.3
15:30–16:00		Questions & Discussion	
16:00–16:30	Coffee break		
16:30–18:00	13.	**BAYESIAN APPROACHES (2)** Chair: ***Rebecca Graziani*** | *Bocconi University*	
16:30–16:50		• Bayesian probabilistic projection of international migration rates ***Jonathan Azose, Adrian E. Raftery*** | *University of Washington*	WP13.1
16:50–17:10		• Bayesian probabilistic population projections: do it yourself ***Hana Ševčiková*** | *University of Washington,* ***Adrian E. Raftery*** | *University of Washington,* ***Patrick Gerland*** **|** *UNPD*	WP13.2
17:10–17:30		• Bayesian mortality forecasts with a flexible age pattern of change for several European countries ***Christina Bohk, Roland Rau*** **|** *University of Rostock*	WP13.3
17:30–18:00		Questions & Discussion	

Time	Item	Session/Activity	Doc. number
WEDNESDAY, 30 OCTOBER 2013, AFTERNOON – AULA FOSCOLO – PARALLEL SESSION			
14:30–16:00	14.	**MULTIREGIONAL PROJECTIONS** Chair: ***Valerio Terra Abrami*** | Istat	
14:30–14:45		• Examining the Role of International Migration in Global Population Projections ***Guy Abel*** **|** *VID*, ***Nikola Sander*** **|** *VID*, ***Samir K.C*** **|** *IIASA*	WP14.1
14:45–15:00		• Subnational population projections for Turkey, 2013-2023 ***Sebnem Bese Canpolat, Baris Ucar, M. Dogu Karakaya*** | *Turkish Statistical Institute*	WP14.2
15:00–15:15		• An alternative projection model for interprovincial migration in Canada ***Patrice Dion*** | *Statistics Canada*	WP14.3
15:15–15:30		• A Space-Time extension of the Lee-Carter model in a hierarchical bayesian framework: modelling and forecasting provincial mortality in Italy . ***Fedele Greco, Francesco Scalone*** | *University of Bologna*	WP14.4
15:30–16:00		Questions & Discussion	
16:00–16:30	Coffee break		
16:30–18:00	15.	**BEYOND POPULATION PROJECTIONS BY AGE AND SEX: INCLUSION OF ADDITIONAL POPULATION CHARACTERISTICS** Chair: ***Elisabetta Barbi*** | *University of Rome "La Sapienza"*	
16:30–16:45		• Projecting inequality: the role of population change ***Ingrid Schockaert*** **|** *Vrije University of Bruxelles*, ***Rembert De Blander*** **|** *KU Leuven University*, ***André Decoster*** **|** *KU Leuven University*, ***Patrick Deboosere*** | *Vrije University of Bruxelles*	WP15.1
16:45–17:00		• The impact of Canadian immigrant selection policy on future imbalances in labour force supply by broad skill levels ***Alain Bélanger*** | *INRS Urbanisation Culture Société Research Centre*	WP15.2
17:00–17:15		• Microsimulation of language characteristics and language choice in multilingual regions with high immigration ***Alain Bélanger, Patrick Sabourin*** | *INRS Urbanisation Culture Société Research Centre*	WP15.3
17:15–17:30		• A method for projecting economically active population. The case of Andalusia ***Silvia Bermúdez, Juan Antonio Hernández, Joaquín Planelles*** **|** *Institute of Statistics and Cartography of Andalusia*	WP15.4
17:30–18:00		Questions & Discussion	

End of second day

Time	Item	Session/Activity	Doc. number
THURSDAY, 31 OCTOBER 2013, MORNING – AULA CARDUCCI – PLENARY SESSION			
09:30–10:45	16.	**POPULATION PROJECTIONS BY AGE, SEX AND LEVEL OF EDUCATION (1)** Chair: ***Anne Clemenceau*** | *Eurostat*	
09:30–09:45		• The scientific base of the new Wittgenstein Centre Global Human Capital Projections: defining assumptions through an evaluation of expert views on future fertility, mortality and migration ***Wolfgang Lutz*** **|** *IIASA, ÖAW/VID, WU*	WP16.1
09:45–10:00		• Developing Expert-Based assumptions on future fertility, mortality and migration ***Guy Abel, Stuart Basten, Regina Fuchs, Alessandra Garbero, Anne Goujon, Samir K.C., Elsie Pamuk, Fernando Riosmena, Nikola Sander, Tomáš Sobotka, Erich Striessnig, Kryštof Zeman*** **|** *IIASA, ÖAW/VID, WU*	WP16.2 WP16.3
10:00–10:15		• The impact of alternative assumptions about migration differentials by education on projections of human capital ***Nikola Sander, Guy J. Abel, Samir K.C*** **|** *IIASA, ÖAW/VID, WU*	
10:15–10:45		Questions & Discussion	
10:45–11:15	Coffee break		
11:15–12:30	17	**POPULATION PROJECTIONS BY AGE, SEX AND LEVEL OF EDUCATION (2)** Chair: ***Anne Clemenceau*** | *Eurostat*	
11:15–11:30		• Estimating transition age schedules for long-term projections of global educational attainment ***Bilal Barakat*** | *IIASA, ÖAW/VID, WU*	WP17.1
11:30–11:45		• Results of the New Wittgenstein Centre Population Projections by age, sex and level of education for 171 countries ***Samir K.C., Sergei Scherbov, Erich Striessnig, Wolfgang Lutz*** **|** *IIASA, ÖAW/VID, WU*	WP17.2
11:45–12:00		• Labor force projections for Europe by age, sex, and highest level of educational attainment, 2008 to 2053 ***Elke Loichinger*** **|** *IIASA, ÖAW/VID, WU*	WP17.3
12:00–12:30		Questions & Discussion	
12:30–13:30	18.	**ADOPTION OF THE REPORT AND CLOSING OF THE MEETING** Chair: ***Paolo Valente*** | *UNECE* • Adoption of the report • Closing of the meeting	

End of third day

TIMETABLE SUMMARY

DATE/TIME	AULA CARDUCCI		AULA FOSCOLO	
	Item	Session/Activity	Item	Session/Activity
29 Oct – Morning 10:30–13:00	1 2 3	Opening of the meeting and welcoming remarks Adoption of the agenda and election of officers Key note lectures		
29 Oct – Afternoon 14:30–18:00	4 5	Assumptions on future migration Assumptions on future mortality	6 7	Actual and potential use of demographic projections at national and international level National and international population projections out of the EU region
30 Oct – Morning 09:30–13:00	8 9	Assumptions on future fertility Stochastic methods in population projections	10 11	Household projections Demographic sustainability and consistency with macroeconomic assumptions
30 Oct – Afternoon 14:30–18:00	12 13	Bayesian approaches (1) Bayesian approaches (2)	14 15	Multiregional projections Beyond population projections by age and sex: inclusion of additional population characteristics
31 Oct – Morning 09:30–13:30	16 17 18	Population projections by age, sex and level of education (1) Population projections by age, sex and level of education (2) Adoption of the report and closing of the meeting		