

Wednesday, 1

July

PLENARY SESSION

chair: Heleen de

Coninck

8:30 ROLE OF NCGGs in CLIMATE NEGOTIATIONS, Bert Metz

9:15 THE METHANE TO MARKETS PARTNERSHIP: KEY ACCOMPLISHMENTS, LESSONS LEARNED, AND ROLE IN FUTURE INTERNATIONAL EFFORTS TO ADDRESS CLIMATE CHANGE, Paul Gunning

10:00 plenary Q&A session

10:30 BREAK

PARALLEL SESSIONS

THEME I

session 1.2 Emission inventories and High tier emission models

chair: Julio Mosquera

THEME II

session 2.2 Special methane session on recent changes

chair: Keith Lassey

THEME III

session 3.2 Government

chair: Daniel Johansson Daniel Johansson

10:50 CAN NON-CO2 GREENHOUSE GAS EMISSIONS FROM INDUSTRIAL FACILITIES BE INCLUDED IN EMISSIONS TRADING? T. Pulles

10:50 RECENT FINDINGS IN RELATION TO WETLAND SOURCES OF METHANE AT HIGH LATITUDES Torben Christensen

10:50 CAN REDUCTIONS IN METHANE, BLACK CARBON AND TROPOSPHERIC OZONE PROVIDE SWIFT CLIMATE RESPONSES IN THE ARCTIC AND GLOBALLY? Ellen Baum, Elaine Matthews, Tami Bond and Dorothy Koch

11:20 FACTORS CONTROLLING SPATIAL VARIABILITY OF N2O EMISSION FROM SOILS G.L. Velthof, J. Mosquera, E. Hummelink, C.L. van Beek, J.W. van Groenigen

11:20 THE ROLE OF TROPICAL BIOMASS BURNING IN THE RECENT INCREASE OF ATMOSPHERIC CH4 S. Houweling, C. Frankenberg, G. van der Werf, E. Dlugokencky, P. Bergamaschi, M. Krol, I. Aben

11:20 EMISSION ABATEMENT POTENTIALS AND COSTS FOR NON-CO2 GREENHOUSE GASES IN ANNEX-I COUNTRIES ACCORDING TO THE GAINS MODEL Wilfried Winiwarter, Lena Höglund-Isaksson, Wolfgang Schöpp, Antti Toikka, Fabian Wagner, Markus Amann

11:40 THE DUTCH TIER 3 APPROACH TO ESTIMATE METHANE EMISSION IN DAIRY COWS FOR THE NATIONAL INVENTORY REPORT A. Bannink, J. Dijkstra

11:40 RECENT CHANGES IN METHANE MIXING RATIO AND ITS 13C CONTENT OBSERVED IN THE SOUTHWEST PACIFIC REGION K.R. Lassey, G.W. Braisford, A.M. Bromley, R.J. Martin, R.C. Moss, W. Allan, B.J. Connor, A.J. Gomez, A.M.S. McMillan, H. Schaefer, V. Sherlock, D. Smale

11:50 FLUORINATED GHG EMISSIONS MITIGATION POTENTIALS AND COSTS IN GLOBAL REGIONS IN 2020 AND 2030 Tatsuya Hanaoka, Mikiko Kainuma

12:00 EMISSION, SPATIAL DISTRIBUTION AND RADIATIVE FORCING OF ELEMENTAL AND ORGANIC CARBON FOR EUROPE IN 2005 Antoon Visschedijk, Hugo Denier van der Gon, Martijn Schaap, Rianne Droge, Christer Johansson and Zbigniew Klimont

12:00 RECENT AIRBORNE METHANE MEASUREMENTS OVER THE AMAZON Christoph Gerbig, Julia Steinbach, Hulin Chen, Olaf Kolle, M. O. Andreae, Niklas Jürgens, Steven C. Wofsy, Marcos Longo, Elaine Gottlieb, Paulo Artaxo, Karla Longo

12:20 ECONOMIC VS. PHYSICAL BASED METRICS FOR COMPARING DIFFERENT GREENHOUSE GASES: DO THEY MATCH? Daniel J.A. Johansson

12:20 EUROPEAN WIDE PREDICTIONS OF NITROGEN AND GREEN HOUSE GAS FLUXES IN RESPONSE TO CHANGES IN LAND COVER AND LAND MANAGEMENT Wim de Vries, Diti Oudendag, Gerard Velthof, Jan Peter Lesschen, Hans Kros, Jan-Cees Voogd, Elke Stehfest, Lex Bouwman

12:20 RECENT METHANE SOURCES AND SINKS INFERRED BY INVERSIONS OF ATMOSPHERIC TRANSPORT AND CHEMISTRY P. Bouquet, I. Pison, F. Chevallier, A. Fortems, M. Ramonet, M. Schmidt, E. Dlugokencky, J. Miller, R. Langenfelds, P. Steele, P. Peylin, P. Ciais

12:40 POTENTIAL REDUCTION IN MITIGATION COSTS FROM MULTI-GAS ABATEMENT: A META-ANALYSIS BASED ON EMF21 AND OTHER LITERATURE ON GDP COSTS Terry Barker, Svetlana Tashchilova

13:00 LUNCH AND POSTERSESSION I

workshop 1

14:00 workshop 2

chair:

14:00 workshop 3

chair:

session 1.2 Emission inventories and High tier emission models (ctd)

chair: Tinus Pulles

session 2.2 Special methane session on recent changes (ctd)

chair: Peter van

Velthoven

session 3.2 Government (ctd)

chair: Paul Gunning

15:00 DIRECT N2O EMISSIONS FROM AGRICULTURAL SOILS IN EUROPE AS CALCULATED WITH A PROCESS-ORIENTED SIMULATION MODEL Adrian Leip, Giulio Marchi, Lorenzo Orlandini

15:00 SATELLITE VALIDATION OF COLUMN-AVERAGED METHANE ON GLOBAL SCALE: HARMONIZED DATA FROM 13 FTIR GROUND STATIONS VERSUS LAST GENERATION ENVISAT/SCIAMACHY RETRIEVALS R. Sussmann, F. Forster, T. Borsdorff, B. Dilts, M. De Mazière, C. Vigouroux, T. Blumenstock, M. Buchwitz, J.P. Burrows, P. Duchatelet, C. Frankenberg, J. Hannigan, F. Hase, N. Jones, J. Klyft, E. Mahieu, J. Mellqvist, J. Notholt, K. Petersen, O. Schneising, K. Strong, J. Taylor

15:00 COHESIVE PICTURE FROM CALCULATION MODELS -BALANCE BETWEEN SCIENCE, POLICY AND THE PRACTICAL SITUATION Ida Smit en Dick Both

15:20 TOP-DOWN ESTIMATION OF HALOGENATED GREENHOUSE GAS EMISSIONS USING 222-RN AS TRACER Christoph A. Keller, Dominik Brunner, Stefan Reimann

15:30 METHANE CONCENTRATION VARIABILITY ACROSS EURASIA: COMPARISON BETWEEN TROICA MEASUREMENTS AND TM3 MODEL RESULTS O.A. Tarasova, N.F. Elansky, S. Houweling, C.A.M. Brenninkmeijer

15:20 THE POTENTIAL OF BLUE ENERGY TO REDUCE EMISSIONS OF CO2 AND NON-CO2 GREENHOUSE GASES Joanna Kuleszo, Carolien Kroeze, Jan Post

15:50 ATMOSPHERIC CONSTRAINTS ON EMISSIONS OF METHANE AND NITROUS OXIDE IN NORTH AMERICA FROM ATMOSPHERIC MEASUREMENTS AND A RECEPTOR-ORIENTED MODELING FRAMEWORK Eric A. Kort, A. Andrews, A. Hirsch, A. Michalak, B. Daube, B. Stephens, C. Gerbig, C. Sweeney, E. Dlugokencky, J. Eluszkiewicz, J. Kaplan, J. Miller, P. Tans, S. Houweling, T. Nehrkorn, S. Wofsy

15:40 MARGINAL ABATEMENT COST CURVES FOR U.S. BLACK CARBON EMISSIONS Benjamin J. DeAngelo, Robert H. Beach, Keith A. Weitz, Mark A. Bahner, Alexandra M. Zapata Figueroa

16:10 BREAK

session 2.2 Special methane session on recent changes (ctd)

chair: Sander

Houweling

session 3.2 Government (ctd)

chair: Herman

Walthaus

16:30 IMPROVED EUROPEAN CH4 TOP-DOWN ESTIMATES BASED ON THE TM5 4DVAR INVERSE MODELLING SYSTEM Peter Bergamaschi, Jan Fokke Meirink, Maarten Krol, Maria Gabriella Villani, Frank Dentener, Martina Schmidt, Michel Ramonet, Frank Meinhardt, Alex Vermeulen, Rebecca Fisher, Euan Nisbet, Tuula Aalto, Edward J. Dlugokencky

16:50 VERIFYING THE ATMOSPHERIC BURDEN OF ANTHROPOGENIC EMISSIONS OF METHANE IN NW EUROPE USING THE RECENTLY IMPROVED EUROPEAN NETWORK OF TALL TOWERS A.T. Vermeulen, P. Bergamaschi, M. Ramonet, M. Schmidt, E. Popa, B. Verheggen, R. Thompson, M. Heimann, S. van der Laan, R.E.M. Neubert, J. Moncrieff, L. Haszpra

16:30 ISSUES ASSOCIATED WITH ANALYZING A CAP ON CONSUMPTION OF FLUORINATED GREENHOUSE GASES Deborah Ottinger, Dave Godwin

18:10 end sessions

17:10 MULTI-YEAR BUDGET ANALYSIS OF RECENT CHANGES IN GLOBAL ATMOSPHERIC METHANE LEVELS M. van Weele, P.F.J. van Velthoven

17:10 OVERVIEW OF DUTCH POLICY ON NON CO2 GREENHOUSE GASES. Herman Walthaus

17:40 ROLE OF ATMOSPHERIC DYNAMICS ON INTERANNUAL VARIABILITY IN CH4 MIXING RATIO Prabir Patra

17:40 MONTREAL VS. KYOTO AS THE FUTURE FRAMEWORK FOR FLUORINATED GREENHOUSE GASES Jason Anderson