THURSDAY 2 NOVEMBER 2017

Words of Welcome
9:00 Werner Arber | President, PAS
9:05 Msgr. Marcelo Sánchez Sorondo | Chancellor, PAS
9:15 Opening Address: Cardinal Parolin | Secretary of State, Vatican

I. Broader Context
9:30 Complexity of Life and its Dependence on the Environment
Werner Arber | PAS
9:50 Discussion
10:10 How Do Our Actions Undermine Nature?
Partha Dasgupta | PASS
10:30 Discussion
10:50 Coffee Break
11:20 Climate Change, Air Pollution and Health
V. (Ram) Ramanathan | PAS
11:40 Discussion
12:00 Climate Change, Air Pollution and Health: WMO and Lancet Assessment
Diarmid Campbell-Lendrum | WHO
12:20 Discussion
12:40 Lunch at the Casina Pio IV

II. Air Pollution, Climate Change and Public Health: Linkages
14:10 Air and Climate Pollution Sources
Jos Lelieveld | Director, Max Planck Institute for Chemistry, Mainz
14:30 Discussion
14:50 Climate Change Extremes, Tipping Points and Health Risks
John Schellnhuber | PAS
15:10 Discussion
15:30 Mortality, Morbidity and Mental Health Effects
Jonathan Samet | Institute for Global Health; University of Southern California
15:50  Discussion

16:10  **Climate Change and Disease**  
Liu Qiyong | Center for Disease Control, China

16:30  Discussion

16:50  Coffee Break

### III. Air Pollution, Climate Change and Planetary Health: Linkages

17:20  **Sustaining Life: Human Health-Planetary Health Linkages**  
Howard Frumkin | Professor of Environmental Health Sciences, University of Washington School of Public Health

17:40  Discussion

18:00  Biodiversity and Extinction  
Peter Raven | PAS

18:20  Discussion

18:40  **Sustaining Fresh Water**  
Ignacio Rodriguez Iturbe | PAS

19:00  Discussion

19:20  **Global Leadership Session I: Call to Action**  
Michelle Bachelet | President of Chile

19:40  Discussion

20:00  Dinner at the Casina Pio IV

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### FRIDAY 3 NOVEMBER 2017 | OUR RESPONSIBILITY: SOLUTIONS

### IV. Overarching Solutions

9:00  **Sustainable Development Goals and Health**  
Jeffrey Sachs | Director of The Earth Institute, Columbia University

9:20  Discussion

9:40  **Challenges and Opportunities for a Sustainable Planet**  
Y.T. Lee | PAS

10:00  Discussion

10:20  **Ten Solutions for Carbon Neutrality and Climate Stability**  
V. (Ram) Ramanathan | PAS

10:40  Discussion

11:00  Coffee Break

11:30  **Energy Transition for Carbon Neutrality**  
Adnan Z. Amin | Director-General, International Renewable Energy Agency

11:50  Discussions
V. Societal Transformation Solutions

12.10 Reducing Risks to Health
Sir Andrew Haines | Epidemiologist; London School of Hygiene and Tropical Medicine

12.30 Discussion

12:50 Healthy People, Healthy Planet
Erminia Guarneri | Cardiologist and President of the Academy of Integrative Health & Medicine

13.10 Discussion

13:30 Lunch at the Casina Pio IV

15:00 Caring For Creation: The Evangelical’s Guide to Climate Change & a Healthy Environment
Rev. Mitchell C. Hesco | President/CEO; Evangelical Environmental Network

15.20 Discussion

VI. Poor and Other Vulnerable Populations

15.40 Environmental and Climate Justice
Fonna Forman | Co-Director, Center for Global Justice, University of California at San Diego

16.00 Discussion

16.20 Migration and Displacement: PAS-UCLA Report
Marcelo Suárez-Orozco | Distinguished Professor of education, and Wasserman Dean, School of education, UCLA

15:20 Discussion

16.40 Climate, Refugees, and Health in the Middle East
Wael Al Delaimy | Professor and Division Chief of Global Health, University of California at San Diego

17.00 Discussion

17.20 Energy Access for the Poor: Scalable Solution
Dan Kammen | Distinguished Professor of Energy at the University of California, Berkeley; Climate Science Envoy for the U.S. State Department

17.40 Discussion

18.10 Coffee Break

18:30 Climate/Health Financing Using Wireless Technologies for the Bottom Three Billion
Nithya Ramanathan | (USA), Mobile Technology for Health and Environment Impact Studies; President of Nexleaf Analytics (Los Angeles)

18:50 Discussions

VII: Global Leadership Session II: Call to Action

19:10 California as a Living Laboratory
Senator Kevin de León | President pro Tempore of the California State Senate

19:30 Discussion

19:50 Dinner at the Casina Pio IV
Guest of Honor: Her Royal Highness Queen Letizia of Spain

VIII. Call to Action from Global Leaders

Chair: Maria Neira | Director WHO

9.00 Keynote Speaker: Honorable Jerry Brown | Governor of California
9:20 WHO Director General
9:30 Congressman Scott Peters | US House of Representatives
9:40
9:50 Honorable Anne Hidalgo | Mayor of Paris
10:00 Panel Discussion
10:20 Coffee Break

IX. Call to Action from Civic Society

Chair: Richard Horton | Editor-in-Chief of Lancet

10:50 Chien Jen Chen | Academia Sinica & Former Health Minister
11.00
11:10 Jeremy Farrar | CEO, Wellcome Trust
11:20 Kate Hampton | CEO, Children’s Investment Foundation
11:30 Edward Maibach | University Professor, George Mason University
11:40 Lize Van Susteren | Psychiatrist, Advisor Harvard Center for Health and Global Environment

X. Call to Action from Faith Leaders

Chair: H.E. Msgr. Marcelo Sánchez Sorondo | Chancellor, PAX

12.15 to 13.00
Mata Amritanandamayi (Amma) | Hindu Spiritual Leader and Chancellor Amrita University, India
Rt. Rev. Alastair Redfern | Bishop of Derby, UK
Rev. Dr. Leith Anderson | National Association of Evangelicals (USA)
Rabbi David Rosen | Israel

13.00 Lunch

14.30 to 15.00: Meeting Summary and Declaration
V. Ramanathan, Msgr. Marcelo Sánchez Sorondo, Partha Dasgupta, Jeffrey Sachs