### Programme

#### Tuesday 1\textsuperscript{st} September 2015

Arrival of speakers and participants at hotels in Vienna.

#### Wednesday 2\textsuperscript{nd} September 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 08:30 | Arrival and registration with coffee/tea
| 09:00 | **Welcome, Opening of Summer School and signing of JRC-IIASA Research Framework Arrangement**  
*Pavel Kabat* (Director General and CEO, International Institute for Applied Systems Analysis) and *Vladimír Šucha* (Director-General, DG Joint Research Centre, European Commission)
| 09:30 | **High-Level Discussion Panel**  
Moderated by *Roberto Ridolfi* (Director, Sustainable Growth and Development, DG International Cooperation and Development, European Commission)  
The panel will be invited to address the following questions:  
- *What are the key evidence gaps in energy policy, including the links to climate and air quality policies?*  
- *How can scientists and policymakers co-operate more to apply better existing knowledge to urgent policy problems?*  
- *What is needed for effective evidence – policy dialogue to address challenges related to energy policy?*  
*Panel Members:*  
- *Péter Balás* (Head of the EU Support Group for Ukraine (SGUA) at the European Commission; previously Deputy Director General, DG Trade, European Commission)  
- *Claire Craig* (Director, UK Government Office for Science)  
- *Jean-Michel Glachant* (Director, Florence School of Regulation, European University Institute)  
- *Anne Houtman* (Principal Advisor to the Director-General, DG Energy, European Commission)  
- *Lieve van Woensel* (Head of Scientific Foresight Service, Unit for Scientific Foresight (STOA), European Parliamentary Research Service)
| 11:00 | **Coffee Break**  
Coffee Area (outside Wodak Room)
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30</td>
<td>Video address by Jeffrey D. Sachs (Director, The Earth Institute, Columbia University, USA) followed by reactions from panel members.</td>
<td>Wodak Room</td>
</tr>
</tbody>
</table>
| 12:00 | **Lecture:** “Why Should Scientists Work with Policymakers and Why Should Policymakers Care?” by William Colglazier (Visiting Scientist at the AAAS Center for Science Diplomacy) [30mins]  
Abstract: The motivation of scientists to advise on important policy issues often begins with the idealistic goal to make the world a better place and to solve some of the most pressing problems facing humanity. IIASA has made, and will continue to make, significant contributions in this regard. My talk will convey what I have learned about science informing policymaking at the U.S. National Academy of Sciences and the U.S. Department of State. What scientists can usefully do in my view is to be clear about what science can say from current scientific knowledge with levels of confidence, what science cannot say because of scientific uncertainties, what value judgments have been made, and what is the supporting rationale and evidence for the advice. To capitalize on what science can contribute to public policy, what policy makers can do is to support development of a country’s “science advisory ecosystem” because science and technology are moving incredibly fast, creating new opportunities and challenges for societies. The United Nations will adopt this month aspirational Sustainable Development Goals to guide the world for the next 15 years. I will focus on several goals, including the one on energy, to illustrate some of the current challenges of providing advice to policymakers.  
Questions and answers with the audience, followed by the awarding and naming of William Colglazier as a IIASA Distinguished Visiting Fellow. | Wodak Room     |
| 13:00 | **Buffet Lunch & Poster Session**  
Whereby Summer School participants display their work (on one A3-size pre-prepared poster). | Coffee Area (outside Wodak Room) and inside Gvishiani Room |
| 15:00 | **Participants Ice-Breaker and Organisation of Masterclasses**  
Led by David Mair (acting Director, Policy Support Co-ordination, DG JRC, European Commission) | Wodak Room     |
| 15:30 | **Science and Policy Masterclasses (Two Sessions)**  
55min masterclasses on the topics listed below. Each participant to attend the masterclasses according to their personalised schedule. After the first 55min session, participants go to their next session (starting at 16:30).  
Each masterclass facilitator will be required to first briefly introduce the topic, seek the views of the Summer School participants and have them undertake activities which were designed in advance, e.g. analysing, in small groups, energy-related case studies and preparing analyses.  
1) “Pros and Cons of working at the science-policy interface” by William Colglazier (Visiting Scientist at the AAAS Center for Science Diplomacy) with Claire Craig (Director, UK Government Office for Science) | Wodak Room     |
|       | 2) “Policy and the evidence beast – how evidence fits into wider considerations of policymaking” by Jan Staman and Annick de Vries (Rathenau Institute) | Gvishiani Room |
### Thursday 3rd September 2015

#### 08:30
Arrival with coffee/tea

#### 09:00
**Science and Policy Masterclasses (Three Sessions)**
Continuing on from the previous afternoon, the following masterclasses will be held, again each one of 55min duration, after which participants go to the next masterclass according to their personalised schedule.

1. **“Pros and Cons of working at the science-policy interface”** by [William Coglazier](#) (Visiting Scientist at the AAAS Center for Science Diplomacy)
   - Wodak Room

2. **“Policy and the evidence beast – how evidence fits into wider considerations of policymaking”** by [Jan Staman](#) and [Annick de Vries](#) (Rathenau Institute)
   - Gvishiani Room

3. **“Using and Challenging Modelling – how to gain confidence in what models say by”** [Leen Hordijk](#) (Previous Director, DG JRC and Previous IIASA Director-General)
   - Raiffa Room

4. **“Learning to accept uncertainty, risk and hazard”** by [David Wilkinson](#) (Director, Institute for Environment and Sustainability, DG JRC, European Commission)
   - GP 100 Room
| 5) “Effective communicating and presenting – dialogue is always better than monologue” by **Chris Tyler** (Director, UK Parliamentary Office of Science and Technology (POST)) | Environment Room |
| 6) “Serious games for bringing evidence to the science-to-policy process” by **David Rejeski** (Director, Science and Technology Innovation Program, Wilson Center) | Training Room (Schloss Restaurant) |
| 7) “Shaping what may come – using foresight to anticipate policy challenges” by **Peter De Smedt** (Foresight and Behavioural Insights unit, DG JRC, European Commission) | Green Coffee Room (Schloss Restaurant) |
| 8) “Informed policy with big data – the potential benefits to be gained from our knowledge-rich world” by **Stefano Bertolo** (Data Value Chain unit, DG CNCT, European Commission) | Club Room (Schloss Restaurant) |
| 9) “Learning what works, with or without random assignment” by **Paolo Paruolo** (Econometrics and Applied Statistics unit, DG JRC, European Commission) | Schloss 46 |

**12:00** **Marketplace of Ideas: Identifying evidence needs** moderated by **Margaret Goud Collins** (Program Director, Capacity Building and Academic Training, IIASA) and **Gordon McBean** (President, ICSU)

Participants are asked to self-organise into small groups of approximately four to begin to identify what evidence – e.g. data, analysis, assessments – is needed in order to be able to address a policy challenge. Groups must comprise both scientists and policy officers, who will then work together on the idea and, in the session on Friday, produce a poster.

**12:30** **Buffet lunch**

**14:00** **Science and Policy Masterclasses (Two Sessions)** Continuation of further masterclass sessions from the morning.

**16:30** **Excursion – A trek along the “Wiener Wasserleitungswanderweg”**

Bus transfer to Mödling then a light walk/trek through the vineyards surrounding Laxenburg following the “Wiener Wasserleitungswanderweg” (please bring appropriate walking shoes and a warm jumper or jacket).

**18:00** Dinner at Klostergasthaus Thallern a traditional Austrian Heuriger

**20:30** Bus transfer to Vienna (Hauptbahnhof) and Laxenburg
### Friday 4th September 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Location/Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>Arrival with coffee/tea</td>
<td>Coffee Area (outside Wodak Room)</td>
</tr>
<tr>
<td>09:00</td>
<td><strong>Science and Policy Masterclasses (Two Sessions)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Final two sessions of following masterclasses.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1) “Policy and the evidence beast – how evidence fits into wider considerations of policymaking” by Jan Staman and Annick de Vries (Rathenau Institute)</td>
<td>Gvishiani Room</td>
</tr>
<tr>
<td></td>
<td>2) “Using and Challenging Modelling – how to gain confidence in what models say” by Leen Hordijk (Previous Director, DG JRC and Previous IIASA Director-General)</td>
<td>Raiffa Room</td>
</tr>
<tr>
<td></td>
<td>3) Effective communicating and presenting – dialogue is always better than monologue by Chris Tyler (Director, UK Parliamentary Office of Science and Technology (POST))</td>
<td>Environment Room</td>
</tr>
<tr>
<td></td>
<td>4) Serious games for bringing evidence to the science-to-policy process” by David Rejeski (Director, Science and Technology Innovation Program, Wilson Center)</td>
<td>Training Room (Schloss Restaurant)</td>
</tr>
<tr>
<td></td>
<td>5) Informed policy with big data – the potential benefits to be gained from our knowledge-rich world” by Stefano Bertolo (Data Value Chain unit, DG CNCT, European Commission)</td>
<td>Club Room (Schloss Restaurant)</td>
</tr>
<tr>
<td></td>
<td>6) “Learning what works, with or without random assignment” by Paolo Paruolo (Econometrics and Applied Statistics unit, DG JRC, European Commission)</td>
<td>Schloss 46</td>
</tr>
<tr>
<td>11:00</td>
<td><strong>Poster Preparation Session</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Thursday’s “Marketplace of Ideas” groups produce (A3-size) posters of their need-for-evidence proposals.</td>
<td>Gvishiani Room</td>
</tr>
<tr>
<td>13:00</td>
<td><strong>Buffet lunch</strong></td>
<td></td>
</tr>
<tr>
<td>14:00</td>
<td><strong>Poster Presentation Session</strong> moderated by Margaret Goud Collins (Program Director, Capacity Building and Academic Training, IIASA)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Summer School participants to review and discuss the proposals presented as posters. Participants will be asked to indicate (vote for) their (up to 3) preferred ones.</td>
<td>Gvishiani Room</td>
</tr>
</tbody>
</table>
15:30  **World Café: What are the Do's and Don'ts for evidence-informed policymaking?** led by David Mair (acting Director, Policy Support Co-ordination, DG JRC, European Commission) and Stephen Davies (Policy Analyst, Economy, Growth, Safety and Security unit, DG JRC, European Commission)

Working in 12 groups of four (two policy officers and two scientists), each group is asked to identify up to three Do's and up to three Don'ts for the effective use of evidence to inform policy. Responses should then be posted on a wall with facilitators to cluster the different responses.

16:30  **Wrap up Session** led by David Mair (acting Director, Policy Support Co-ordination, DG JRC, European Commission) and Margaret Goud Collins (Program Director, Capacity Building and Academic Training, IIASA)

To review outcomes of Do's and Don'ts suggestions, acknowledge the top three poster proposals identified, plus have the participants give their reflections on the Summer School and take home messages.

17:00  **Closing of Summer School**

Pavel Kabat (Director General and CEO, IIASA)

17:30  **Departure**

Complimentary bus transfer available to Vienna Airport *(please ensure you have registered by putting your name on the list in the Coffee Area outside the Wodak Room)*