Profound change lies ahead for the transport sector, both in Europe and in other parts of the world, while a wave of technological innovation and disruptive business models has led to a growing demand for new mobility services. In fact, transportation systems are developing towards connected mobility, and the choice of communication technology, which should be transparent for the end user, will be based upon the location, the type of service and cost efficiency. 5G and satellite communication should be integrated as future technologies into the hybrid communication mix1.

The Space Strategy for Europe2 underlines the role satellites can play to provide cost-effective solutions to improve connectivity for Europe’s digital society and economy as part of the future 5G networks, where numerous applications and services using space data will also require uninterrupted connectivity. It encourages the uptake of space solutions by integrating space into future strategies addressing the transport sector at large, including for example autonomous and connected cars, trucks, ships, trains, airplanes and unmanned aerial vehicles.

The Conference aims at promoting cooperative frameworks that encourage the interworking of satellite and terrestrial technologies in support to the automotive and transport sector, by bringing together the respective business and institutional communities. Special emphasis will be put on the roles and approaches of the diverse groups of stakeholders involved in the development of satellite based 5G networks and of future transportation vehicles. Both policy and technology aspects related to 5G and future space-based solutions will be discussed, with a clear focus on markets where satellite communications and other space applications provide strong value-add and complementarity to terrestrial 5G solutions.

Participants will discuss the user and market needs on the demand-side and the possible solutions on the supply-side, outlining a way ahead which may include public-private partnership models, private investments, the EC 5G Action Plan and ESA R&D support activities. The findings and recommendations of the event will be reflected in an executive report, made available to key decision-makers in industry and institutions.

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Day 1 (afternoon) – 27 June 2017 (13:30 – 18:30)

13:30 Registration and Welcoming Coffee

<table>
<thead>
<tr>
<th>14:00 – 14:45</th>
<th>Opening remarks</th>
</tr>
</thead>
</table>
| Geneviève Fioraso  
Chair, ESPI Advisory Council  
Former Minister of Education and Research, Member of Parliament  
Magali Vaissiere  
Director of Telecommunications and Integrated Applications, ESA |

<table>
<thead>
<tr>
<th>Opening Key Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>David Kennedy, Director, EURESCOM</td>
</tr>
</tbody>
</table>

Panel 1 Policy Perspective
Chair: Evert Dudok, Chairman-Elect ESOA (EMEA Satellite Operators Association)

<table>
<thead>
<tr>
<th>14:45 – 15:30</th>
<th>Policy Key Note</th>
</tr>
</thead>
</table>
| Roberto Viola  
Director General, EC DG-CONNECT |

Policy Perspectives

<table>
<thead>
<tr>
<th>15:30 – 17:00</th>
<th>Policy perspectives</th>
</tr>
</thead>
</table>
| The Satellite Operators: 5G manifesto  
Karim Michel Sabbagh  
Chief Executive Officer, SES  
The European Parliament perspective  
Gesine Meissner  
Committee on Transport and Tourism, Member of the European Parliament  
The Satellite Manufacturers perspective  
Christophe Nussli  
Head of 5G strategy, Thales Alenia Space  
Philippe Boutry  
Deputy Head Telecom Systems, Telecom Satellites, Airbus DS SpS  
ESA Industrial Policy perspective  
Geraldine Naja  
Head of Industrial Policy and Audit Department, ESA |

17:00 Coffee break

<table>
<thead>
<tr>
<th>17:15 – 17:45</th>
<th>Spectrum and regulatory aspects</th>
</tr>
</thead>
</table>
| Francois Rancy  
Director, Radio Comm Bureau, ITU |

<table>
<thead>
<tr>
<th>17:45 – 18:00</th>
<th>The ESA TIA perspective</th>
</tr>
</thead>
</table>
| Hermann Ludwig Moeller  
Head of TIA Programme Office, ESA |

<table>
<thead>
<tr>
<th>18:00 – 18:30</th>
<th>Panel 1 discussion</th>
</tr>
</thead>
</table>
| Questions and Answers  
Panel 1 Wrap-up |

19:00 – 22:00 Social Event (Dinner at Hotel Crowne Plaza Brussels - Le Palace)
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>Transport Key Note</td>
<td>Geert van der Linden, Sustainable &amp; Intelligent Transport, EC DG-MOVE</td>
</tr>
<tr>
<td>9:45</td>
<td>Integrated Applications at ESA</td>
<td>Rita Rinaldo, Head of institutional projects section, Department Integrated Applications, ESA</td>
</tr>
<tr>
<td>9:45</td>
<td>The Space Downstream Market and the Transport Sector</td>
<td>Fiammetta Diani, Deputy Head of Market Development, European GNSS Agency (GSA)</td>
</tr>
<tr>
<td>9:45</td>
<td>User Needs and Satellite Services</td>
<td>Jean Francois Bureau, Director, Institutional and International Affairs, Eutelsat</td>
</tr>
<tr>
<td>9:45</td>
<td>Coffee break</td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td>A Transport Association Perspective (Road, Rail, Maritime transport)</td>
<td>Stefano Spennati, EU Affairs Policy Advisor, Conftrasporto – Confcommercio Imprese per l’Italia</td>
</tr>
<tr>
<td>10:45</td>
<td>Connected Cars</td>
<td>Joel Schroeder, VP, Strategy &amp; Business Development Connected Car Program, Inmarsat</td>
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<tr>
<td>10:45</td>
<td>Space for Rail</td>
<td>Ines Sanz, Customer Engineering Manager, Sat2Car Project, Hispasat</td>
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<tr>
<td>11:00</td>
<td>Smart Cities and Connected Mobility</td>
<td>Richard Lax, EU Affairs Officer, Kapsch TrafficCom AG</td>
</tr>
<tr>
<td>11:00</td>
<td>The Evolution of Space Services</td>
<td>Vincenzo Fogliati, Head of EU &amp; Space Agencies Funding Opportunities Development, Telespazio</td>
</tr>
<tr>
<td>12:45</td>
<td>Panel 2 discussion</td>
<td>Questions and Answers, Panel 2 Wrap-up</td>
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<tr>
<td>13:00</td>
<td>Lunch</td>
<td></td>
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</tbody>
</table>
Day 2 (afternoon) – 28 June 2017 (14:00 – 18:30)

Panel 3  Partnership Perspective
Chair: Christine Leurquin, Vice-Chair of the 5G-IA Board

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speakers</th>
</tr>
</thead>
</table>
| 14:00    | Partnership Key Note             | Jaime Silva  
EC DG-GROW / ESPI Advisory Council                                      |
| 14:45    | The European Commission          | Bernard Barani  
Head of Future Connectivity Systems  
EC DG-CONNECT                                                                 |
| 14:45    | 5G Public Private Partnership    | Xavier Lobao  
Head of Future Projects Division  
Telecom Technologies, Products and Systems Department, ESA                     |
| 15:15    | Innovative Partnerships models   | Alessandro Coda  
Chief Technical Officer  
European Association of Automotive Suppliers (CLEPA)                          |
| 15:15    |                                  | Eric Beranger  
Chief Executive Officer  
OneWeb                                                                          |
| 15:15    |                                  | Bruno Fromont  
Senior VP Strategy and Asset Management  
Intelsat                                                                         |
| 15:15    |                                  | Laurent Reynaud  
Research Engineer  
Orange Labs Networks                                                              |
| 15:15    |                                  | Catherine Dargeou  
Telecommunications Institutional Sales  
Thales Alenia Space                                                              |
| 15:15    |                                  | Jean Francois Charrier  
Head of Institutional Business –Telecom Satellites  
Airbus Defense and Space                                                         |

Final Round Table  Recommendations for a way ahead (17:00 – 18:30)
Chair: Magali Vaissiere, Jean-Jacques Tortora

Closing  (18:30)