H2020 Policy Priorities

| Increased investment in **sustainable development** and **climate** related R&I |
| ➢ 35% climate actions ➢ 60% sustainable development |

| Transport Policy Goals |
| Resource **efficient transport** that respects the environment |

| Integrating **digitisation** in all industrial technologies and societal challenges |
| ➢ Digital Single Market Strategy |

| Better mobility, less congestion, more safety and security |

| Strengthening **international R&I cooperation**: Flagships to ensure scope and scale in targeted areas |

| Global leadership for the European transport industry |

| Addressing **societal concerns**: security and migration |

| Socio-economic and behavioural research & forward looking activities |

| **Market creating innovation**: EU Innovation Council pilot |

**What’s new?**

- **3 year coverage**: 2018-2019 and 2020
- **2 key Focus Areas (FA)* (out of 4) addressing global challenges cutting across sectors and programmes:**
  - 1. Building a low-carbon, climate resilient future
  - 2. Digitising and transforming European industry and services
- **Improved coordination to address technological challenges**: EUR 200 mio indicative budget to R&I activities on **batteries**
- **Reduced number of topics and broader scope, new structure**
- **Reinforced International Cooperation - InCo**: 5 flagship initiatives of large scale and scope addressing global challenges ("Greener and Safer Aviation in a Smaller World", on air quality, on urban mobility, on Automation, and on logistics) and 10 more topics encouraging InCo
- **Two-stage** procedure for MG call only, (except the Aviation InCo flagship) and **single-stage** procedure for GV and ART

**Main features**

- **Budget 2018**: EUR 298.6 mio – EUR 945 mio in 2018-2020
- **3 calls for proposals** and 21 topics in 2018
  1. Mobility for Growth (MG)
  2. Automated Road Transport (ART)
  3. Green Vehicles (GV)
- **Opening of calls - 31 October 2017** - WP pre-published on H2020 web-site
- **3 types of actions**: RIA, IA, CSA/EraNet + **Other actions**: Prizes, SME Instrument, FTI, experts groups and procurements,
- **Transport relevant topics** in other parts of the H2020 WP: NMPB, ICT, ENERGY, SECURITY, FOOD and **complementarities** with calls and activities of CleanSky, SESAR, Shift2Rail, PCH2
- **Open Access to Data policy**: applies by default to the whole H2020 to scientific publications and research data generated by projects
- **Improved focus and clarity** in the topic descriptions (notably the expected impacts)...while keeping an open and non-prescriptive approach

<table>
<thead>
<tr>
<th><strong>Budget (in million €)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
</tr>
<tr>
<td>MG Call</td>
</tr>
<tr>
<td>ART Call</td>
</tr>
<tr>
<td>GV Call</td>
</tr>
<tr>
<td>Other Actions</td>
</tr>
</tbody>
</table>

**Calls challenge-based, more open to innovative proposals**

**Greater emphasis on impact**

**More emphasis on innovation**

**Bring together different disciplines, sectors & actors to tackle specific challenges**

**Gender & SME participation: an important element (where relevant)**
MOBILITY FOR GROWTH—MG call

Low-carbon and sustainable transport – Focus on
- The transition towards zero-emission and quieter mobility for all modes, for people and goods
- Tools and mechanisms for monitoring and detection of emissions & noise
- Scientific evidence for decision making process and planning
- Cross-modal/transport integration solutions in urban areas

Safe, integrated and resilient transport systems - Focus on
- Transport safety: contribution to the "zero road fatalities" goal in a changing environment
- Innovative solutions to reduce congestion and ensure seamless, safe and sustainable mobility for people and freight

Global Leadership & Competitiveness - Focus on
- Vehicle/vessel design and manufacturing and life-cycle approaches
- Rapid integration of ICT and IoT
- Human component of CAT technologies

Accounting for the People - Focus on
- Innovative solutions for an accessible & inclusive transport system
- Behavioural issues and user needs
- Appropriate regulatory frameworks and policies to support innovation and deployment
- Dissemination and exploitation of sustainable mobility solutions

Two 'Blue Growth' topics in 2018-2019 aiming at
- Reduce the costs of deep sea exploration
- Explore several possible scenarios for the wide scale adoption of different emission control technologies

AUTOMATED ROAD TRANSPORT—ART call

- Large-scale/cross-border demos to promote market introduction of highly automated driving systems
- Trials on sustainable automated functions in real driving conditions - various traffic scenarios and urban areas
- Regulatory framework, certification procedures and standards
- New concepts for shared, connected and automated mobility
- ART-related cross-cutting issues: safety, users’ needs, business models, …

GREEN VEHICLES—GV call

Bring forward the activities of the EU Green Vehicle Initiative: prepare the ground for a potential massive introduction of electrified vehicles
- Support design and manufacturing of 3rd generation of electrified vehicles, components and new generation of batteries
- Improve the charging solutions to meet end-users needs (access, time, cost, payment systems, etc.)
- Develop new concepts to reduce energy consumption and emissions of long-distance vehicles
- Cooperate with developing and emerging economies for demonstration activities and pilots in large urban areas

Implementation modalities
- One project = One funding rate for all beneficiaries / activities in the grant
- Funding up to 100% of eligible costs for 'Research and Innovation Actions' (RIA) and for 'Coordination and Support Actions' (CSA)
- Funding up to 70% for 'Innovation Actions' (IA), except non-profit organisations (up to 100%)
- Indirect costs (overheads): 25% flat rate
- Minimum conditions:
  - IAs, RIAs: minimum three legal entities each established in a different Member State or an Associated Country
  - CSAs: one legal entity established in a Member State or in an Associated Country

Deadlines

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Opening</td>
<td>Closing</td>
</tr>
<tr>
<td>First Stage of 2-Stages—MG</td>
<td>31/10/2017</td>
<td>30/1/2018</td>
</tr>
<tr>
<td>Second Stage of 2-Stages—MG</td>
<td>-</td>
<td>19/9/2018</td>
</tr>
</tbody>
</table>

Save the dates

pcn-transport@recherche.gouv.fr