



# Smart, Green and Integrated Transport Info Day

## Horizon 2020, Slovakia

**Event:** Seminar  
**Date:** 28. 2. 2018  
**Venue:** University of Žilina, Slovakia, Meeting room of the Scientific Board,  
Nová menza, Vysokoškolákov 26, 010 01 Žilina



## Programme

9:30		Registration
	<b>Tatiana Kováčiková</b>	
10:00	ERA Chair Holder National delegate for H2020 PC	Opening
10:15	<b>Jakub Šimkovič</b> Transport NCP	Work Programme 2018-2020 at a glance
10:45	<b>Viera Petrášová</b> Legal & Financial NCP	European Innovation Council (EIC) pilot
11:15	<b>Peter Beňo</b> Legal & Financial NCP	Financial guidelines for applicants
	<b>Tatiana Kováčiková</b>	
11:45	ERA Chair Holder National delegate for H2020 PC	How to prepare a successful proposal?
12:15	<b>Giuseppe Lugano</b> MoTIV (Mobility and Time Value)	H2020 success stories
12:45	<b>Enric Pardo</b> ASuMED	H2020 success stories
13:15		Networking lunch

# Work Programme 2018-2020 at a glance

**Remaining budget:** EUR 945 mio in 2018-2020

**3-year coverage:** 2018, 2019 and 2020

**Budget 2018:** EUR 298.6 mio

**European Commission claims to have:**

Improved focus and clarity in the topic descriptions while keeping an open and non-prescriptive approach.

+ Reinforced International Cooperation

**I strongly encourage you to read the Work Programme**

[http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-transport\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-transport_en.pdf)



# Work Programme 2018-2020 at a glance (2)

## Finding the new WP

Participant Portal

Reference Documents

Work Programmes

All contents of the H2020 Grants Manual folder below are being transferred to the **ONLINE MANUAL**

- 📁 Legislation ⓘ
  - 📁 Framework programmes (EC-Euratom)
  - 📁 Rules for participation
  - 📁 Specific programme
  - 📁 European institute of Innovation and Technology (EIT)
- 📁 Work Programmes
  - 📁 2014-15
  - 📁 2016-17
  - 📁 2018-20
    - 📁 Main WP
      - 1. Introduction 2018-20 ➤
      - 2. Future and Emerging Technologies (FETs) 2018-20 ➤
      - 3. Marie Skłodowska-Curie actions (MSCA) 2018-20 ➤
      - 4. Research infrastructures (including e-Infrastructures) 2018-20 ➤
      - 5. Introduction to Leadership in enabling and industrial technologies (LEITs) 2018-20 ➤
      - 5i. Information and communication technologies (ICT) 2018-20 ➤
      - Sii. Nanotechnologies, advanced materials, advanced manufacturing and processing, biotechnology 2018-20 ➤
      - Siii. Space 2018-20 ➤
      - 6. Access to risk finance 2018-20 ➤
      - 7. Innovation in SMEs 2018-20 ➤
      - 8. Health, demographic change and well-being 2018-20 ➤
      - 9. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy 2018-20 ➤
      - 10. Secure, clean and efficient energy 2018-20 ➤
      - 11. Smart, green and integrated transport 2018-20 ➤
      - 12. Climate action, environment, resource efficiency and raw materials 2018-20 ➤



# Work Programme 2018-2020 at a glance (3)

3 calls for proposals and 21 topics in 2018:

1. Mobility for Growth (MG), incl. BG (Blue Growth)
2. Automated Road Transport (ART)
3. Green Vehicles (GV)

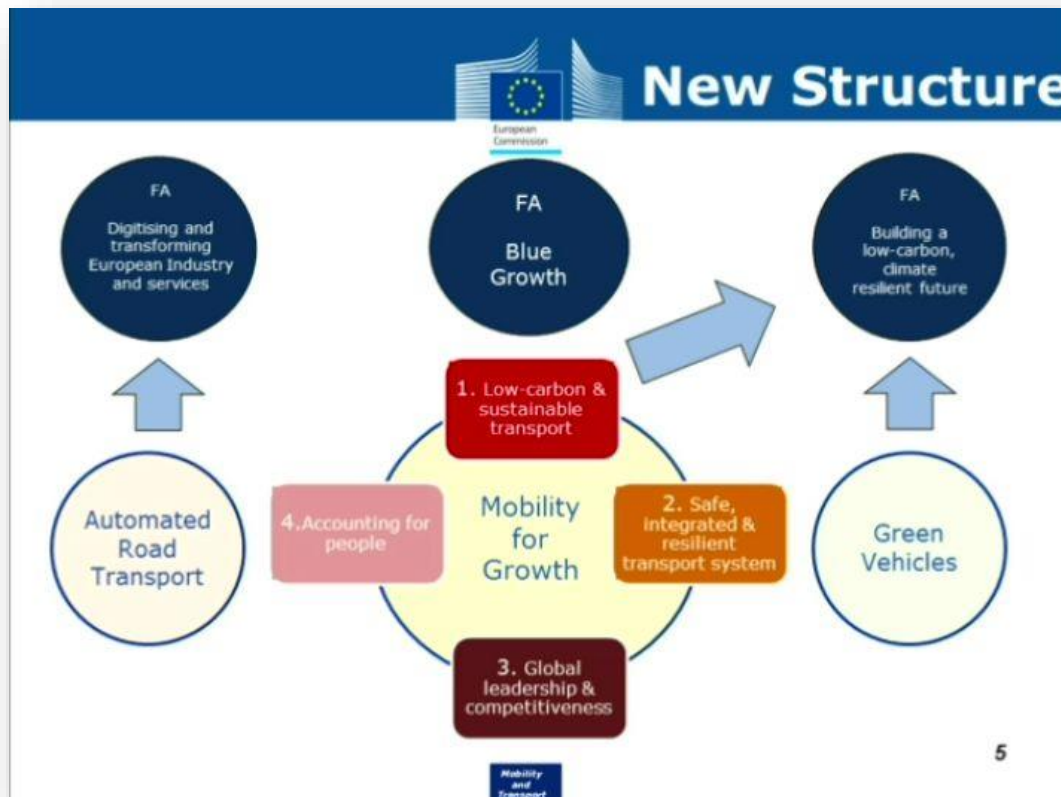
## Mobility for Growth (MG)

1. Low-carbon & sustainable transport
2. Safe, integrated & resilient transport system
3. Global leadership & competitiveness
4. Accounting for people

LC-MG-1-2-2018: Sustainable multi-modal inter-urban transport, regional mobility and spatial planning.

# Work Programme 2018-2020 at a glance (4)

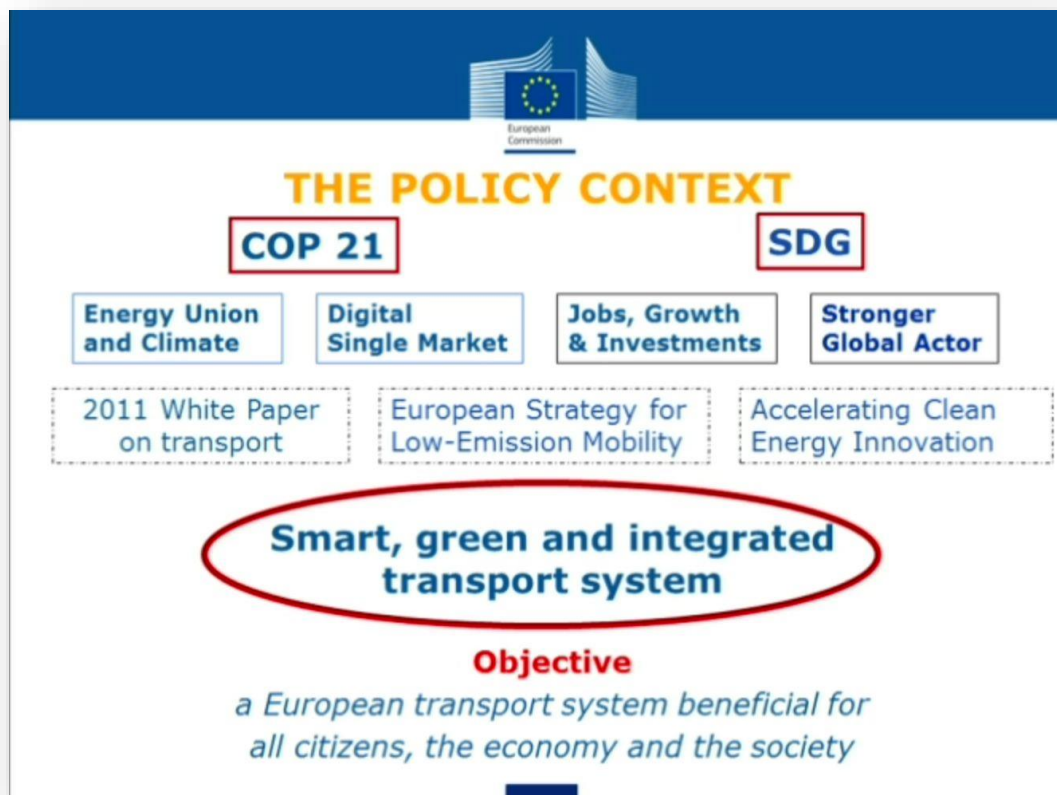
EC explains the structure:





# Work Programme 2018-2020 at a glance (5)

EC explains the policy context:



# The Story Behind

## Citizen oriented topics:

- Rapid deployment of solutions
- User-friendly systems & approach
- Reducing impact on climate

## EC proposes these guidelines:

- Multidisciplinary, cross-cutting partnerships
- Properly describe impact
- Consider social innovation
- Plan to exploit your research results

## Focus areas:

1. Building a low-carbon, climate resilient future
2. Digitising and transforming European industry and services





# The Story Behind (2)

## Dieselgate

LC-MG-1-1-2018: InCo flagship on reduction of transport impact on air quality

LC-MG-1-4-2018: Hardening vehicle environmental protection systems against tampering

Behavioural vs. technical solutions

**Challenge:** Reducing emissions by discouraging or stopping suppliers of "solutions" to disable emissions reduction devices (aftertreatment systems) and bypassing existing protection systems (OBD)

**Scope:** Avoid all tampering, but in particular the elimination of DPF and SCR, by analysing existing devices, both protection and tampering ones, with an hacker approach to find methods to improve resistance

**Expected impact:** Demonstration of more effective OBD/M in detecting faults and stopping tampering efforts, with real "challenges" by hackers



# The Story Behind (3)

## **Costa Concordia disaster**

MG-2-2-2018: Marine Accident Response

High severity – very low frequency

**Challenge:** Actions following a marine accident can greatly reduce loss of life or damage to the environment.

### **Scope (one of the following sub topics):**

- A) Focus passenger ships, Risk based damage & stability. Better wider data, link to IMO SOLAS revision. + Watertight door safety. RIA
- B) Radical rethink of large passenger ship evacuation systems. RIA
- C) & D) Better tackle fire on board RoRo or Container ships. IA

**Expected impact:** Improved safety, Improved IMO rules and damage stability models. Safer evacuation. Better tackle fires without external intervention.



# The Story Behind (4)

## Drones

MG-2-3-2018: Airworthiness of mass-market drones

MG-2-8-2019: Innovative applications of drones for ensuring safety in transport

Aircraft or consumer good?

Lack of regulation

**Challenge:** to contribute to the on-going and pressing efforts aimed at regulating the emerging drone industry.

**Scope:** to gather, analyse and process information on existing and emerging standards, rules and regulations relating to worthiness of drones which are relevant to civilian applications.

**Expected impact:** to support the EU regulatory process which is geared at kick-starting drone services on a full-fledged commercial and regulated basis by the end of 2019.



# The Story Behind (5)

## Gender

MG-4.3-2018: Demographic change and women's participation in transport

Inclusiveness of transport

**Challenge:** Specific transport needs of women linked to their physical and social characteristics have not been sufficiently addressed. Resulting inequalities in mobility opportunities need to be thoroughly explored and transport system adjusted to the specific demands of women to lead to increased social inclusion and equity.

**Scope:** assessment of specific requirements and employment opportunities; analysis of intersectorial aspects and their influence on mobility needs; Gender Impact Assessment of new transport-related technologies; future opportunities for transport professional careers.

**Expected impact:** better understanding of issues and creation of data to adjust the transport system to specific needs and contribute to the creation of an inclusive mobility system.



# Finding Partners

## EC preferred way:

TOPIC : Harnessing and understanding the impacts of changes in urban mobility on policy making by city-led innovation for sustainable urban mobility

**Topic identifier:** LC-MG-1-3-2018

**Publication date:** 27 October 2017

**Focus area:** [Building a low-carbon, climate resilient future \(LC\)](#)

**Types of action:** RIA Research and Innovation action

**DeadlineModel:** two-stage

**Opening date:** 31 October 2017

**Deadline:** 31 January 2018 17:00:00

**2nd stage Deadline:** 19 September 2018 17:00:00

**Types of action:** CSA Coordination and support action

**DeadlineModel:** single-stage

**Opening date:** 31 October 2017

**Deadline:** 04 April 2018 17:00:00

Time Zone : (Brussels time)



Horizon 2020

Pillar: Societal Challenges

Work Programme Year: H2020-2018-2020

Work Programme Part: [Smart, green and integrated transport](#)

Call : [H2020-MG-2018-2019-2020](#)

[H2020 website](#)

[Call budget overview](#)

### Topic Description

[+ More](#)

#### Specific Challenge:

Urban mobility is in transition. This is a result of, for example, changing user needs; emerging transport

### Topic conditions and documents

[+ More](#)

**1. Eligible countries:** described in [Annex A](#) of the Work Programme.

A number of non-EU/non-Associated Countries that are not automatically eligible for funding have made specific provisions for making funding available for their participants in Horizon 2020 projects. See the

### Partner Search

4

Organisations are looking for collaborating partners for this topic

[VIEW/EDIT PARTNER SEARCH](#)



LEARs, Account Administrators or self-registrants can publish partner requests for open and forthcoming topics after logging into the Participant Portal.



# Finding Partners(2)

ETNA 2020

<https://www.transport-ncps.net/>



The network of the Horizon 2020 National Contact Points for 'Smart, Green and Integrated Transport'

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# Finding Partners(3)

## Brokerage events



## Overview of calls

	2018		2019	
Work programme activities	Opening	Deadline	Opening	Deadline
Mobility for Growth <i>two-stage topics</i>	31.10.2017	<i>first stage</i> 30.01.2018  <i>second stage</i> 19.09.2018	5.09.2018	<i>first stage</i> 16.1.2019  <i>Second stage</i> 12.09.2019
Mobility for Growth <i>single-stage topics</i>	31.10.2017	04.04.2018	4.12.2018	24.4.2019
Green Vehicles <i>single-stage topics</i>				
Automated Road Transport <i>single-stage topics</i>				





# Please read the Work Programme

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