

# Horizon 2020 from Transport perspective

*„Horizon 2020 – a break from the past“* (citation from EC)



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## Why (the whole thing)?

### Financial and economic crisis

- Europe 2020 Strategy / Flagship Initiative „**Innovation Union**“ as remedy, **H2020** as one instrument for implementation
  - **Integrating** the former European RTI promotion instruments into one: **FP + CIP + EIT → H2020!**
  - **More** actors involved: deployment, (national) public administrations and financing agencies
  - H2020 also contributing to the European Research Area (**ERA**)
  - Better coordination with European Regional Development Funds (**ERDF**) ?!

## What (is [really] new in H2020)?

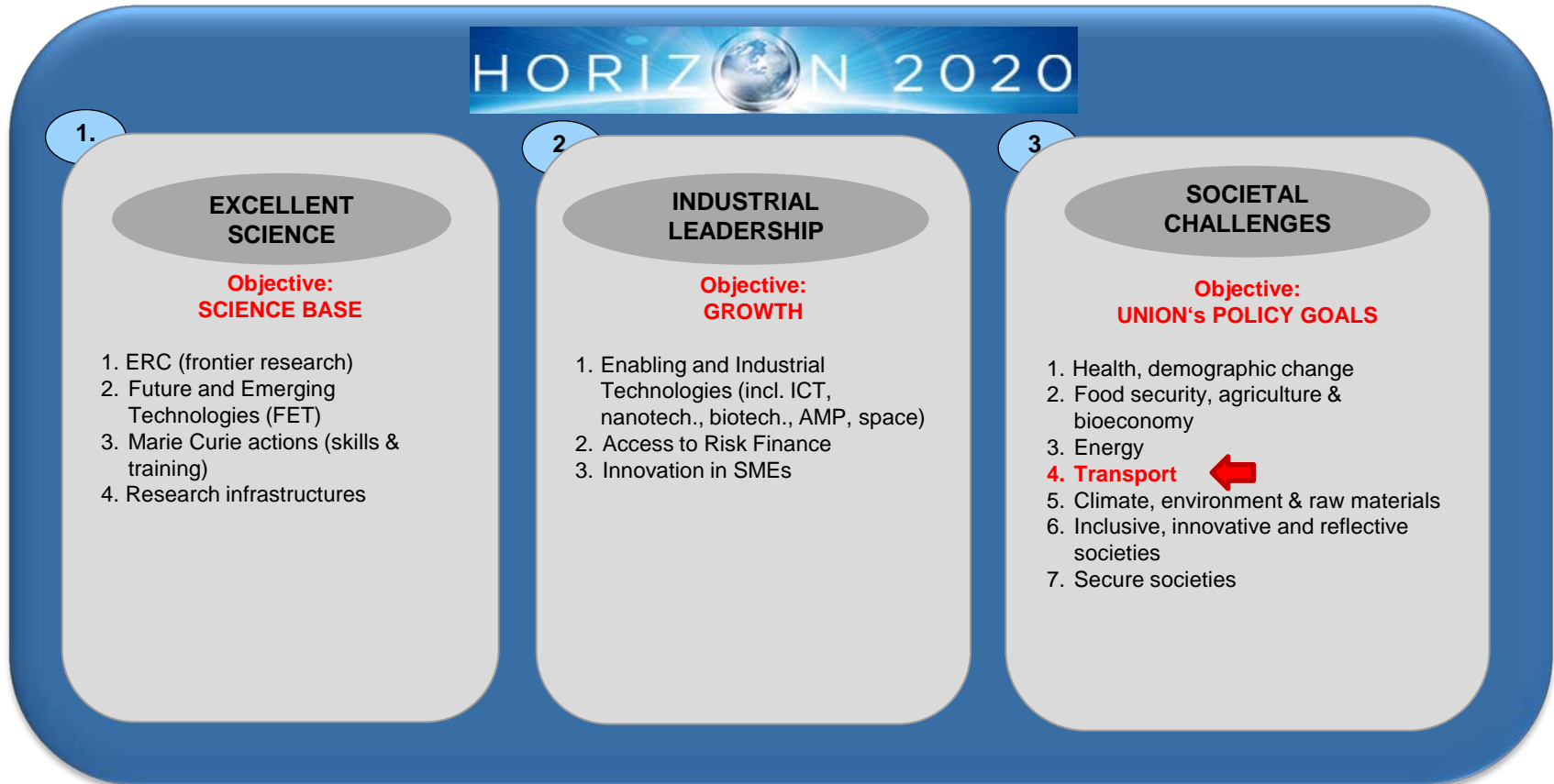
- **Explicite focus on „innovation“:**
  - Stronger involvement of **industry** (theme identification; instruments)
  - Support along the **whole innovation chain** (from idea to product)
  - e.g. „Innovation Investment Package“ for PPPs/JTIs: 22bn€
    - ~8bn€ from EC/H2020 + ~4bn€ from MS
    - ~10bn€ from industry (in kind?!)
- **„Challenge based approach“:** less prescriptive, impact oriented
- **Strengthening of basic research** (31,7% of budget, incl. ERC)

## How (is H2020 designed for the „user“)?

- **„Simplification“** of funding rules: „up to“ **100% + 25% OH** (for large companies in close-to-market actions up to 70+25)
- **Novel structure** of research domains:
  - Key Enabling Technologies, **Societal Challenges**
  - Certain themes treated **horizontally** in all pillars; e. g. ICT, SS(?!)
- Beside calls further **complementary instruments**, e. g. *„Fast Track to Innovation“* pilot initiative (© EP), SME instrument

## Where (to find your theme in ...)?

( © FFG )



## What (are the lines of activity in “Transport”)?

*Objective: "To achieve a European transport system that is resource-efficient, climate-and-environmentally-friendly, safe and seamless for the benefit of all citizens, the economy and society."*

### **4. SMART, GREEN AND INTEGRATED TRANSPORT**

- 4.1 **Resource-efficient transport** that respects the environment  
→ **SUSTAINABLE**
- 4.2 **Better mobility, less congestion, more safety** and security  
→ **SEAMLESS**
- 4.3 **Global leadership** for the European transport industry  
→ **COMPETITIVE**
- 4.4 **Socio-economic and behavioural research** and forward-looking activities for policy making → **CROSS-CUTTING (?!)**

## How (will H2020 Transport be implemented)?

- Multiannual strategic program (‘drivers’, focus areas), bi-annual work program (WP2014-15), **annual calls** (2014)
- 3 calls: *“Mobility for Growth”* (RTD part with **2-stage evaluation**); *Green Vehicles* (cPPP, 1-stage); *SmBiz & FastTrack2Innovation*
- **Less prescriptive** calls, addressing rather **challenges** and emphasising **impact** of R&D contribution to their **solution** (*specific challenge – scope – expected impact – type of action*)
- **„Externalisation“**: in comparison to FP7 smaller budget proportion for „direct“ calls within (the collaborative part of) H2020, shift of focus to cPPP/JTI
- **European Technology Platforms (ETPs)** like ERTRAC + ACARE delivering input for collaborative & PPP/JTI topics

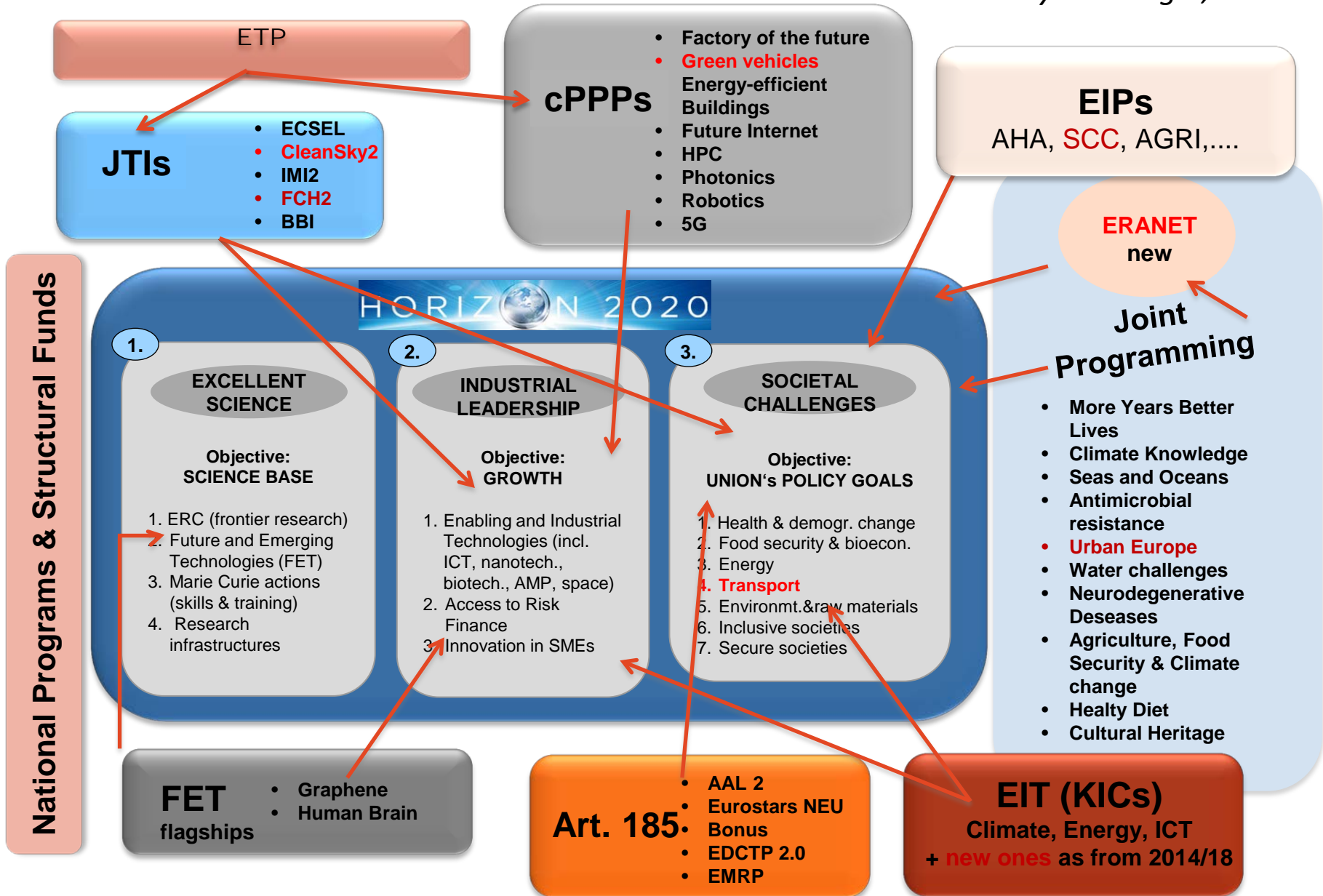
Who (shall be able to understand ... )?

... the **BIG** picture:

**EU RTI landscape as from 2014**

*(following chart © by Thomas Zergoi, FFG)*





## How much (is there IN for YOU)?

- Initial EC proposal: **80bn€** *(all figures net of inflation)*
- but pressure from MS to decrease budget/MFF → **70,2bn€**
- Initial EC proposal for transport share: **8,48%**
- but EP preferring shift towards Energy ch. → (6,90%) → **8,23%**
- (theoretical) **Transport budget:  $70,2bn€ \times 8,23\% = 5,77bn€$**   
(incl. Aeronautics)

## Is this so (in reality)?

Well ... (it all depends!)

- **H2020 Transport budget** (incl. Aeronautics): **5,77bn€ (6,34bn€)**
    - 7% SME levy (0,4bn€)
    - Cross-financing for FCH JTI (0,25bn€)
    - JTI CleanSky2 (1,8bn€)
    - Cross-financing for SESAR (0,6bn€)?
    - ? (...)
- 
- = **???** (3,67bn€)???

**cf. FP7 Transport budget: 4,16bn€**

*(net inflation / 2006 value, without considering CIP & EIT part)*

## When (will it all start)?

- Currently final acclamation of WP2014-15 content within the H2020 Transport „National Expert Group“ („Shadow Committee“)
- Official launch of H2020 by EC on 11 Dec 2013
- **Transport 2014 call start on 12 Dec 2013**
- *(formal confirmation of WP2014-15 by TPC in Jan 2014)*
- **Submission deadline 1<sup>st</sup> stage: 28 Mar 2014**
- **Submission deadline 2<sup>nd</sup> stage: 29 Aug 2014** (if applicable)
- Evaluation by 17 Oct 2014 + max. 5 months contract negotiation  
→ **very long time to contract, project start only in spring 2015!**

## Who (can support you)?

- **FFG** setting up support structures tailored to H2020 needs
  - NCP for Transport: H. Rohowetz
  - FFG standard offer: trainings, info days, guidance of potential applicants
  - Tailored key-account support for „big players“
  - strategic intelligence to be strengthened
  - intensive „market observation“
- **Transport Program Committee**
  - National Delegates for Transport: E. Grassegger, Chr. Drakulic
- **Program monitoring**
  - currently reshuffled (integration into FFG?)

## MORE (questions than answers)?



**[your turn!]**

## Thank you (for your attention)!

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