

CONSTRUCTION 2020

Thematic Group 1 update

by Aris Chatzidakis, ECCE Vice President/ President Elect

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CONSTRUCTION 2020

What is it?

What is the aim?

- In 2013 the European Commission launched the **"Construction 2020 Action Plan"**. This plan is based on the Communication **"Strategy for the sustainable competitiveness of the construction sector and its enterprises"**, released in July 2012.
- Construction 2020 is aimed at **identifying and implementing measures that help fostering sustainable competitiveness in the construction sector in the short as well as in the medium to long term**. It intends to define sound conditions on a general level for investment, research, innovation, entrepreneurship, higher resource efficiency and work environment. It also encourages actions to reassure and ameliorate the functioning of the Internal Market and help remove barriers to trade and business at international level.





CONSTRUCTION 2020 *Governance Structure*

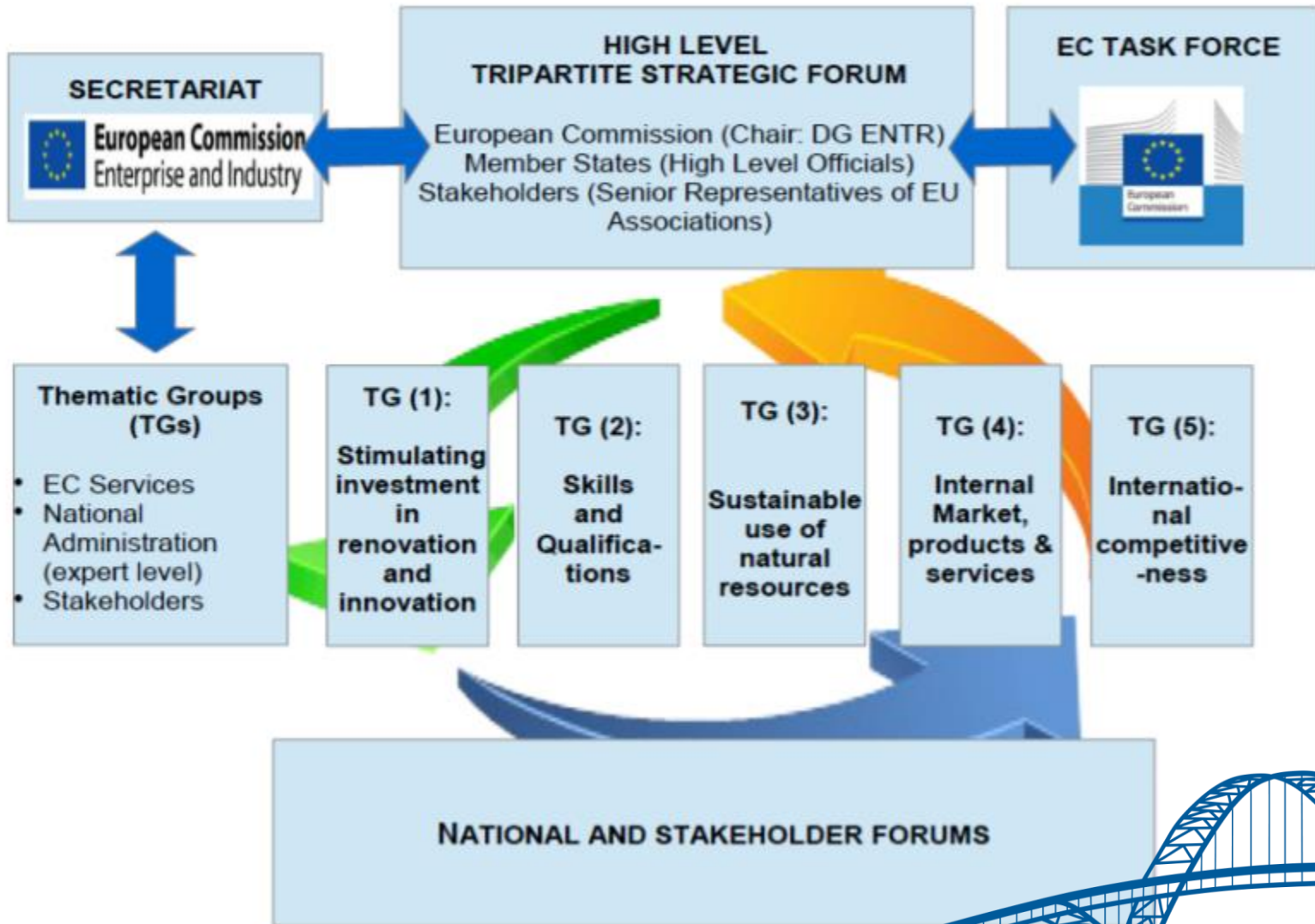


- As a governance structure to implement the action plan, the European Commission has created a **High-level tripartite Strategic Forum** as well as **five Thematic Groups**, one for each of the five key objectives identified in the Plan:
 1. Stimulating favourable investment conditions
 2. Improving the human-capital basis of the construction sector
 3. Improving resource efficiency, environmental performance and business opportunities
 4. Strengthening the Internal Market for construction
 5. Fostering the global competitive position of EU construction enterprises



CONSTRUCTION 2020

Illustration of Construction 2020 governance structure





- Thematic Group 1 (TG1) – **“Stimulating investment in building renovation, infrastructure and innovation”**
- Thematic Group 2 (TG2) – **“Skills & Qualifications”**
- Thematic Group 3 (TG3) – **“Sustainable use of natural resources”**
- Thematic Group 4 (TG4) – **“Internal Market”**
- Thematic Group 5 (TG5) – **“International Competitiveness”**





CONSTRUCTION 2020 *Thematic Group 1 meeting*



- ECCE has been following up and participating in the majority of the meetings of the TG1. ECCE Past President Fernando Branco used to represent ECCE in these meetings and recently ECCE Vice President/President Elect Aris Chatzidakis took over this role.
- The most recent meeting of the TG1 was held on 8th June, in Brussels.
- The topics that TG1 is focusing on are the following:
 - Implementing the modernisation of construction
 - Construction and sustainability challenge: future projects and sustainability initiatives
 - Infrastructure opportunities: needs, business prospects and models to renovate today's assets



- **European digital platform for construction.** Such a platform could have a high potential for transforming the construction sector through collaborative arrangements and sector-wide standards connecting the whole value chain, including SMEs, and making it possible to plan whole projects beforehand using the newest BIM technology and making these plans accessible for everyone involved in the construction process.
- **Building logbook.** Capturing in a more systematic way data on a building (ownership, materials used, structures, installations, adaptations, investments, maintenance and operational costs, etc.) and allowing this data to be easily managed and shared in some form with stakeholders. Possible digital tool to tackle asymmetric information along the building supply chain and the life cycle of buildings, which causes the right data not always to be available for the right decision-makers.



- **Accelerating and improving renovation of buildings in the EU.** DG ENER introduced the Energy Performance of Buildings Directive (EPBD), which has made it possible for consumers to make informed choices that will help them save energy and money. Positive change of trends in the energy performance of buildings. Lack of reliable and consistent data on the actual effect of energy efficiency policies on the building stock across EU Member States and regions. A better understanding of the effectiveness of policy measures and of market support mechanisms is necessary to steer an improvement in the depth and rate of building renovation. The Commission in its effort to monitor the energy performance of buildings across Europe and to provide quality data, launched the **EU Building Stock Observatory**.





Construction and sustainability challenge: future projects and sustainability initiatives - Conclusions

- On 2nd May 2018, the Commission proposed its new **Multiannual Financial Framework (MFF) for the 2021 – 2027** period that should also reflect rapid developments in innovation and the economy.
- EU prepares also a new **Framework Programme (FP9)** succeeding Horizon 2020, which is foreseen to have a budget of €97.9 billion.
- The new FP9 is expected to start in January 2021 and aims to incorporate research and innovation missions to ensure the effectiveness of funding by pursuing clearly defined targets. Some industry associations and construction companies have already positioned themselves in joint declarations calling for “An Ambitious FP9 Strengthening Europe’s Industrial Leadership” and making “Boosting Europe’s Future Competitiveness” a key priority for FP9.



*Construction and sustainability challenge:
future projects and sustainability
initiatives - Conclusions*

- The Energy Performance of Buildings Directive (EPBD) was revised as part of the "Clean Energy for All Europeans" package aiming to accelerate the current building renovation rates and promote the use of smart technology in buildings.
- Commission has launched the **“Smart Finance for Smart Buildings”** initiative in order to support the development of flexible energy efficiency and renewable financing platforms and make more attractive financing options available on the market.





Infrastructure opportunities: needs, business prospects and models to renovate today's assets - Conclusions

- The 2008 financial crisis had an impact on the way EU Member States deal with the **maintenance of transport infrastructure**. Varying state of transport infrastructure maintenance spending across Europe.
- As the state of transport infrastructure seems to become critical, at least at some countries, positive developments in contracting, methodological and IT innovation are recorded. The use of Design, Build, Finance and Maintain (DBFM) contracts aims to improve the life-cycle thinking of contractors. Further, the application of advanced asset and risk management methodologies based on big data, the wide use of sensors and infrastructure simulation can lead to a tailor-made maintenance program while advancements in research aim to further reduce the spending need. Within this context it is important to explore what the role of the EU can be to support a good infrastructure quality.



- **Thematic Group 1 "Stimulating investment in building renovation, infrastructure and innovation"** will next meet for a workshop in Brussels, held on **14/12/2018** on the topic of **"Digitalisation of SMEs"**.

But before then, a number of other events on Digitalisation are coming up:

- The [Expo Real Munich](#) trade fair is taking place on **08-09/10/2018**, where the Commission will speak about **"Digitalisation in the EU"** at the stand of German architects.
- Webinar for the ["Preparation of a digital industrial platform for the construction sector"](#) on **10/09/2018**.
- A member of the EU BIM Task Group will attend the conference on **"Digital transformation of public procurement"** in Lisbon on **18/10/2018** (the Commission is not attending).





CONSTRUCTION 2020 *Autumn Calendar*

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- The Commission will attend the "[Digital Construction Brussels](#)" conference on **24-25/10/2018**.
- The [GEO Design+BIM](#) takes place on **1-2/11/2018** in Amsterdam (*the Commission is not attending*).
- The trade fair [BIM World Munich](#) takes place on **27-28/11/2018** (*the Commission is not attending*).
- The **EU BIM Task Group General Assembly** will be chaired by the Commission on **06/12/2018** in Brussels (more information, including at www.eubim.eu; video : <https://www.youtube.com/watch?v=QYXf5DCNixQ>)



THANK YOU

