

Contribution to UN STI Forum

Session 6 – Supporting national capacities through the TFM

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1. Existing practices and early pilot experiences in terms of STI Roadmap in Ukraine

Participation in the Global Pilot Programme will help to develop a comprehensive national policy for the development of science, technology and innovation in Ukraine. So far, the key challenges we face within the R&I sphere are insufficient interest of the private sector in cooperation with researchers, lack of financial resources, absence of proper legal protection of intellectual property and foreign investments. There are also a number of other challenges in transforming an idea into an innovative product at all stages of the added-value chain.

As the policy preparation will be based on a multi-stakeholder analysis and smart specialization approach, we believe that the Roadmap will help to make the policy more effect-oriented and achievable for its further implementation.

As for today, the Ministry of Education and Science of Ukraine is working on the identification of the new national long-term scientific and innovation priorities. Among other criteria, the identification process is based on the achievement of the Sustainable Development Goals. In this regard, newly established priorities will be synchronized with the STI Roadmap.

The development of the Roadmap will also ensure progress in implementation tasks for the development of innovative technologies and innovation ecosystems by 2030, defined in the National Report "Sustainable Development Goals: Ukraine". In the long-term perspective, it will facilitate the modernization of the economy and industry in the conditions of rapid technological change.

2. Cross-sectoral engagement of government entities and multiple stakeholders for timely horizon scanning, tracking progress and corrective actions

At this moment, the Ministry carries out consultations with different groups of stakeholders both on national and regional levels regarding the identification of mechanisms that would be most effective to apply for the design and implementation of the STI Roadmap.

We do not have one and only solution or vision on how to ensure, for instance, an effective horizontal coordination between the central executive bodies in Ukraine, hence, this is a challenging task for us. Most likely, we will use different approaches to create a mixed format of coordination. On a political level we expect that the Governmental Office of Ukraine will take the lead, while the Ministry of Education and Science of Ukraine will be responsible for the operational and more practical aspects. We will also establish several working groups for different sectors that would engage stakeholders from the national and regional levels enhancing the communication inside the knowledge triangles.

It is important to continue facilitating such communication after the STI Roadmap is designed, as the final outcome will depend on engaging wide circles of stakeholders both on the stage of elaboration and implementation of the STI Roadmap. The effectiveness of the STI Roadmap will

also highly depends on the commitment of different stakeholders and the clear vision on how to implement it and what profit it will bring them in the end.

3. International collaboration or mechanisms needed for exchange of experience and partnerships on STI for SDGs

At the end of 2020, the Ministry took part in the on-line training sessions on STI policy and policy instruments for SDGs. It was a useful capacity building exercise for experts that would be involved into design and further implementation of the STI Roadmap. It was also crucial to hear the experience of our colleagues from different parts of the world about how this process goes in their countries, their perception of key challenges and objectives they plan to achieve.

We would be glad to have this communication instrument on a regular basis in order to exchange ideas and look for potential partnerships.