Rountable "Regional and national solutions towards smart and sustainable cities and the impact of UNECE instruments"

Dag Olav Tennfjord will inform on the intentions to use KPIs at a town level in Skodje, Norway.

Moderator: Thank you.

I would like now to invite any questions and comments to the speakers and your thoughts on the questions of this session. We have 10 minutes for questions and comments. I would like to reiterate the questions:

- **What is an added value for your country or city application of the KPIs for smart sustainable cities?**

    First I would like to thank you for the opportunity to come here and learn from the UN experts and other cities – this input is highly valuable both for assessing ourselves but also for having a specific framework we can use to monitor our progress.

    A tested framework encompassing the different sectors of the sustainability is in my opinion the core value that the set of KPI's are giving us

    We will be the first city in Norway to apply the KPI's. For us this is at the very right time as we are in the process of merging five municipalities and are in the process of making a joint framework for planning in the integrated urban area.

    We are very happy to be invited into this program as we see that we have had a lot of interesting knowledge to apply at our local level, and also that we bring elements of interest to the table.

    The process of joining the UN network of cities have lead to cross sectoral collaboration with private sector, the university of NTNU and various governmental bodies. We already see positive effects of this collaboration, and we expect further positive results as this work progresses.

- **How the KPI evaluation is connected for your city with the localization of SDGs?**

    The KPI's are a very practical way of working toward the SDG's. By having this framework the more overarching and more abstract goals are interpreted and made instrumental.

    The concept of working across silos is also challenged by the KPI network. It opens the field for productive partnerships between different stakeholders of the city,

- **What are the ways to improve and make more efficient work on the KPIs?**

    Actually, we have seen that we have a unique feature to bring to the table in this field. The capability to visualize the KPI's using advanced simulation technology, originally developed for advanced maritime operations which we heard yesterdays in the Day of Cities. We have both the physical facilities, advanced software and skilled experts to support these tools. By loading a digital twin of the city, with, landscape, buildings and roads whe have the graphic representation of the city to which we could attach the datasets.. I would suggest we build on the U4SSC KPI datasets so they can be shown as layers on top of the city This enables animations, showing time series of data, color coding, and combination of data sets. In this manner plans can be examined by new groups not used to assessing complex documents. In this way we can transform vast amounts of datasets into highly accessible visual information. We see just in the initial stages a lot of international interest for this tool, both from private sector and the cities. We would suggest to the Norwegian government that Norwegian cities take a lead to develop this tool and make it available to all cities around the world.