Nexus “Smart and Sustainable Cities for All Ages”
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Outline

1. UNECE Nexus on Smart Sustainable Cities for all ages
2. Nexus related activities under Environment subprogramme
3. Nexus Flagship publication
1. Nexus Smart Sustainable Cities for all ages – Overall approach

The “Nexus” approach to UNECE’s work aims to connect sectoral expertise and capitalize on synergies, to help countries unlock the interlinked benefits of sustainable development action.

- Support member States in addressing the cross-sectoral and multidisciplinary dimension of the 2030 agenda
- Offer an integrated and holistic approach to respond to sustainable urban development challenges in the UNECE region
- Strengthen bonds across UNECE sub-programmes
- Further integrates sectoral workplans, strengthens cross-sectoral cooperation
- Strengthen partnerships with other international organizations
1. Nexus Smart Sustainable Cities for all ages – Opportunity to address multiple, inter-connected challenges
1. Nexus Smart Sustainable Cities for all ages – Building on UNECE’s expertise, legal & policy instruments

Planning & managing city development
Energy Efficiency
ICT & New Technology
Efficient Transport

“Cities for all ages”
Innovation & Productivity
Flexible, Innovative PPPs
Resilience to disasters
1. Nexus “Smart and Sustainable Cities for All Ages” Team

Team members from all relevant UNECE subprogrammes:
- **Environment** (Franziska Hirsch, Coordinator)
- **Economic Cooperation and Integration and Trade**
  (Anders Jönsson, Lorenza Jachia)
- **Housing, Land Management and Population** (Gulnara Roll, Vitalija Gaucaite Wittich/Lisa Warth)
- **Sustainable Energy** (Oleg Dzioubinski a.i.)
- **Sustainable Transport** (Roel Janssens)

Directors providing guidance:
- **Forest, Land and Housing** Division (Paola Deda)
- **Sustainable Energy** Division (Scott Foster)
1. Nexus Smart Sustainable Cities for all ages - Objectives & Strategy

**Objectives:**
- **Cities** in the UNECE become smarter and more sustainable, with an **improved quality of life** for residents of all ages.
- **Cross-border cooperation is improved** through the exchange of information and good practices on smart and sustainable cities among UNECE Member States.

**Strategy:**
Through joint activities and information-exchange, across all subprogrammes, **continue and strive to enhance:**
- support to member States to transition to smart sustainable cities
- engagement with **governments** at the **national** level, also **address** the **regional** and **local** levels
- cross-border information exchange and cooperation between countries
1. Nexus *Smart Sustainable Cities for all ages* – Supporting SDG implementation

- **3. Good Health and Well-being**
  - Targets 3.4, 3.6, 3.9 and 3.d

- **6. Clean Water and Sanitation**
  - Targets 6.1, 6.2, 6.3, 6.4 and 6.8

- **7. Affordable and Clean Energy**
  - Targets 7.1, 7.2, 7.3 and 7.8

- **8. Decent Work and Economic Growth**
  - Targets 8.2, 8.3, 8.4, 8.5 and 8.8

- **9. Industry, Innovation and Infrastructure**
  - Targets 9.1, 9.2, 9.4, 9.5, 9.b and 9.c

- **11. Sustainable Cities and Communities**
  - Targets 11.1, 11.2, 11.3, 11.5, 11.6, 11.a and 11.b

- **12. Responsible Consumption and Production**
  - Targets 12.1, 12.2, 12.3, 12.4, 12.5, 12.7, 12.8 and 12.b

- **13. Climate Action**
  - Targets 13.1, 13.2, 13.3 and 13.a
1. Nexus Smart Sustainable Cities for all ages – Additional SDGs

1. **NO POVERTY**
   - Targets 1.2, 1.4 and 1.b

2. **ZERO HUNGER**
   - Targets 2.1 and 2.a

4. **QUALITY EDUCATION**
   - Target 4.3

5. **GENDER EQUALITY**
   - Targets 5.1, 5.a, 5.b and 5.c

10. **REDUCED INEQUALITIES**
    - Target 10.2

14. **LIFE BELOW WATER**
    - Target 14.1

15. **LIFE ON LAND**
    - Target 15.2

16. **PEACE, JUSTICE AND STRONG INSTITUTIONS**
    - Targets 16.3, 16.6, 16.7 and 16.10

17. **PARTNERSHIPS FOR THE GOALS**
    - Targets 17.1, 17.3, 17.5, 17.7, 17.8, 17.9, 17.10, 17.11, 17.16 and 17.17
1. Activities under nexus

• Ongoing activities under all sub-programmes, e.g.:
  • Sub-regional workshops on land-use planning and industrial safety for Eastern Europe and the Caucasus (Chisinau, May 2019) and South-Eastern Europe (Belgrade, March 2020)

• Ongoing projects:
  • UNDA 11th tranche - National training workshops on evidence-based policies
  • UNDA 12th tranche project “Supporting transition to smart sustainable cities and accelerating the achievement of SDG11 and other urban related SDGs” in Albania, Belarus, Bulgaria, Georgia, Kazakhstan, Kyrgyzstan, Ukraine

• Project concept on Disaster Risk Reduction and Urban Resilience for smart sustainable cities
• Flagship publication on smart sustainable cities
• Ongoing information exchange and UNECE input to policy documents
2. Nexus-related activities under Environment sub-programme

Environmental Performance Review Programme:

- Chapters on housing and land management
- Topics of disaster risk reduction and waste management addressed
- EPRs produced in cooperation with Environment, Forestry and Timber, Energy and Transport sub-programmes
2. Nexus-related activities under Environment sub-programme

Convention on the Transboundary Effects of Industrial Accidents:

- Industrial accident prevention and preparedness
- Natural-hazard triggered technological accidents (NaTech)
- Land-use planning and industrial safety, in cooperation with CUDHLM, Espoo Convention/Protocol on SEA, Aarhus Convention

- Seminar on Land-Use Planning and Industrial Safety, for all UNECE member States (Mechelen, Belgium, May 2018); sub-regional workshops for Eastern Europe and the Caucasus (May 2019) and South-Eastern Europe (March 2020)
- Information-repository on land-use planning/industrial safety
2. Nexus-related activities under Environment sub-programme

Convention on Environment Impact Assessment in a Transboundary Context / Protocol on Strategic Environmental Assessment:

• Promoting consistent and effective application of SEA into urban development planning - to prevent, reduce and mitigate environment and health impacts in urban areas

• Project-level decisions affecting cities (location of urban infrastructure such as industrial sites)

- Workshops on the application of the Protocol on SEA to municipal spatial plans in Georgia (2019), Guidance development for Belarus, Georgia and Ukraine (2020-2021) under EU4Environment
2. Nexus-related activities under Environment sub-programme

Convention on the Protection and Use of Transboundary Watercourses and International Lakes

- Guidance documents and good practices relevant for urban areas, considering urban-rural linkages
- Water-Energy-Food-Ecosystem nexus, in cooperation with the Energy, Forestry and other sub-programmes
- Renewed work on water quality, monitoring, assessment and data exchange
- UNISDR Words in Action Guidelines Implementation Guide for addressing water-related disasters and transboundary cooperation
2. Nexus-related activities under Environment sub-programme

Protocol on Water and Health

- Promotes affordable and resilient water and sanitation services
- Sound management of collective water and sanitation systems, and the closing of water cycles for more liveable, healthy cities
- Guidance on Water Supply and Sanitation in Extreme Weather Events

- Regional workshop to assist countries increase resilience of water supply and sanitation systems to climate change impacts in urban areas
2. Nexus-related activities under Environment sub-programme

Convention on Long-range Transboundary Air Pollution

- Guidance documents relevant in the city context
  - Guidance Document on Emission Control Techniques for Mobile Sources,
  - Framework Code for Good Agricultural Practice for Reducing Ammonia Emissions

- Launch of Global forum for cooperation on clean air @ 40th anniversary at 40th anniversary, at upcoming 39th session of Executive Body (Dec. 2019)
2. Nexus-related activities under Environment sub-programme

Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters / Protocol on Pollutant Release and Transfer Registers:

- Capacity-building and advisory assistance
- Guidance documents, online resources (Aarhus Clearinghouse and PRTR.net)
- Supporting local communities in raising awareness and use of their environmental rights (60 Aarhus Centers in 14 countries throughout the UNECE region) – with the support of OSCE

- Meeting of the Task Force on Public Participation in Decision-making to promote effective public participation in decision-making at local levels
3. Nexus flagship publication - Approach

- Analysis of situation in UNECE region at national, sub-regional, and regional levels
- Various (cross-)sectoral perspectives (urban development, environmental protection, disaster risk reduction, energy, housing, transport, trade, economic development, innovation)
- Governance, institutions, legislation and stakeholder arrangements
- Cross-border/transboundary cooperation
- Policy recommendations to support integrated policy-making
3. Nexus flagship publication -

**Content**

- Overview of current trends, challenges and opportunities for increased coherence of policy-making, enhanced understanding of cross-sectoral linkages
- Role of cities as competitive, vibrant hubs of innovation and experimentation
- Examples of good practices and lessons learned
- Policy recommendations and good practices - to strengthen cross-sectoral cooperation and develop effective, flexible policies and governance arrangements
3. Nexus flagship publication – Provisional timeline

- Drafting and review until spring 2019
- May 2020 – review by expert review group (incl. reps of intergovernmental bodies and experts)
- Information-sharing with CUDHLM, and other sectoral Committees
- Summer 2020 - ExCom review of policy recommendations (summer 2020)
- Fall 2020 – copy-editing, translation, layout and printing in English & Russian

→ Mandate from your Committee
- Spring 2021 – presentation to the 69th session of UNECE Commission
Thank you for your attention!

For more information please contact:
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