

Seminar on Land-Use Planning and Industrial Safety

Co-organized jointly by the UNECE Industrial Accidents Convention and the Committee on Housing and Land Management, the Government of Flanders (Belgium) and the European Investment Bank (the EU bank)

Objectives & Conclusions from previous seminars

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UNECE Convention on the Transboundary Effects of Industrial Accidents



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Objectives of the seminar

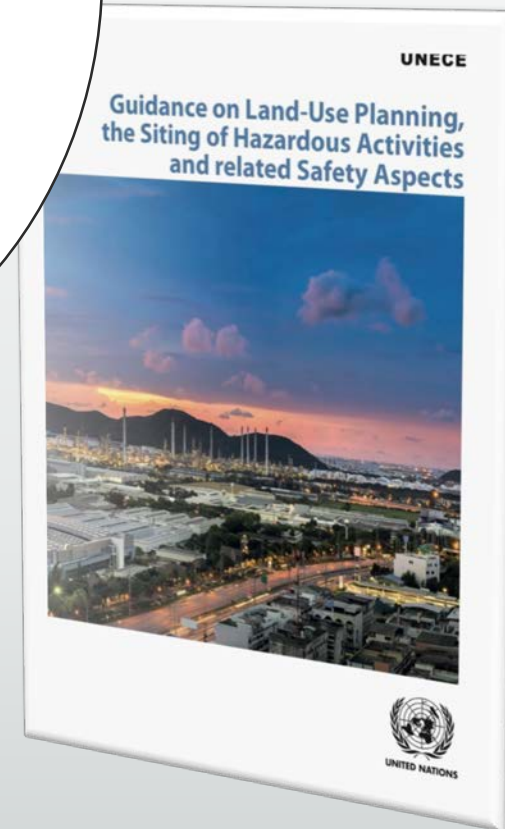
- Present real **case studies** that showcase **good practices and lessons learned** in the **cooperation and coordination** between **land-use planners** and **industrial safety experts** for industrial accident prevention.
- **Bring together** experts in land-use planning and industrial safety to share experiences and learn from different countries' practices.
- Highlight **the challenges of coordinating** land-use planning and industrial safety **in practice**, and **successful approaches** to overcome those challenges.
- Identify ways to **improve integration** of the two communities (land-use planning, and industrial safety - within and between countries), and with other communities (environmental impact assessment, strategic environmental assessment, disaster risk reduction, ...)

Objectives of the seminar

- Promote the implementation of the UNECE **'Guidance on Land-Use Planning, the Siting of Hazardous Activities and Related Safety Aspects'**.
- Improve the understanding and implementation of the **UNECE Industrial Accidents Convention** and other relevant legal instruments and policies
- Raise awareness of the linkages to the **'Sendai Framework for DRR 2015-2030'** and the role of International Financial Institutions in financing projects in support of disaster risk reduction
- Address the conclusions and recommendations of **previous seminars on LUP** and industrial safety.

UNECE Industrial Accidents Convention

Art. 7 Decision-making on siting: Parties to seek the establishment of policies on **siting** of new HA, on **significant modifications** of existing HA, on **significant developments** in areas which could be affected by transboundary effects of an industrial accident



Previous seminars & guidance on LuP and industrial safety

- 1999** *Guidance on land-use planning as required by the EU Seveso II Directive*
- 2006** *EU land-use planning guidelines in the context of Art. 12 of the Seveso-II Directive*
- 2007** *EU International Seminar and Plenary meeting (Leuven, Belgium)*, European Working Group on Land-Use Planning, co-organized by the Belgium (Flanders) and the EU Joint Research Centre
- 2008** *Overview of roadmaps for LuP in selected EU member States*
- 2010** *UNECE Joint Seminar on land-use planning around hazardous sites* (The Hague, Netherlands), organized by the UNECE Industrial Accidents Convention and the UNECE Committee on Housing and Land Management
- 2016** *UNECE Joint workshop on land-use planning, the siting of hazardous activities and related safety aspects* (Geneva, Switzerland), organized jointly by the UNECE Industrial Accidents Convention, the Espoo Convention and its Protocol on SEA, in cooperation with the UNECE Committee on Housing and Land Management and the European Investment Bank
- 2016/17** *UNECE Joint Guidance on Land-use planning and industrial safety*, prepared jointly by the UNECE Industrial Accidents Convention, Espoo Convention and its Protocol on SEA, in cooperation with the Committee on Housing and Land Management and the European Investment Bank

Conclusions and recommendations from previous seminars:2007

EU International seminar and plenary meeting (Leuven)

European Working Group on Land-Use Planning, co-organized by the Belgium (Flanders) and the EU Joint Research Centre

- Major difficulties associated with implementing article 12 of the EU Seveso-II Directive (article 13 of the Seveso-III Directive) for planners related to existing sites and change in land use in their vicinity
- Importance of early inputs of industrial safety risks into the land-use planning procedure
- Cross-sectoral cooperation is key
- Competing legislation to be taken account of in the planning process – need for awareness and integration!
- Importance of information exchange! Need to reach, in an effective way, local planning communities. Value of seminars on land use planning.

Conclusions and recommendations from previous seminars: 2010

UNECE Seminar on LuP around hazardous industrial sites (The Hague)

Co-organized by the UNECE Industrial Accidents Convention & Committee on Housing and Land Management

- Safety aspects not well integrated LUP; cooperation lacking between the main stakeholders; need to make use of available guidelines

National-level recommendations:

- Introduce transparent procedures that impose cooperation/mandatory communication between Parties involved in safety and LuP at an early stage of development
- Apart from procedures, protocols, etc. effective cooperation should be strengthened through organization of meetings for land use and safety agencies at national and local levels
- Land-use plans in the vicinity of hazardous activities should be open for review by safety authorities before their approval

International-level recommendations:

- Periodical meetings at the international level should be organized to discuss challenging cases in safety and land use planning and brainstorm on alternative development scenarios, and involve serious gaming on land use and safety aspects



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- Publication containing best available practices on safety and land use planning and addressing clearly and simply the societal risks should be prepared

Conclusions and recommendations from previous seminars: 2016

UNECE Joint Workshop on land-use planning, the siting of hazardous activities and related safety aspects (Geneva)

Co-organized by the UNECE Industrial Accidents Convention, Espoo Convention, Protocol on SEA, in cooperation with the Committee on Housing and Land Management and the European Investment Bank

- Important linkages between the UNECE Industrial Accidents Convention, the UNECE Espoo Convention (siting/significant modifications of HA) and its Protocol on SEA (land-use plans)
- Need to further promote synergies in the implementation of legal obligations, and the formal integration of industrial safety considerations in EIA and SEA processes (effective cooperation still rare)
- Continue the exchange of experiences and good practice among countries on legal & policy aspects on the implementation of the legal instruments and relevant technical aspects
- Recognize the need to work towards an increasing understanding among land-use planners, environmental assessment experts and industrial safety specialists
- In transboundary procedures, important for countries to exchange information on risk analyses used for evaluating industrial accident hazards
- Importance of guidance to further support the implementation of the land-use planning and siting obligations

Conclusions and recommendations from previous seminars on LUP and industrial safety – common elements

- General consensus at previous seminars that LUP and industrial safety procedures need to be better integrated, earlier in the process, through legislation/policies, implementation & practice
- Opportunities to further implement legal obligations under the UNECE Industrial Accidents Convention, and other related legal and policy instruments (Espoo Convention, Protocol on SEA, ...)
- Greater focus required on the practical aspects of coordination and cooperation between industrial safety & LuP, and other related disciplines (EIA, SEA, disaster risk reduction, ...)
- Need to involve all relevant stakeholders
- Guidance and support to its implementation is important
- Exchange of information, experiences/good practices is crucial, at the national level, and across borders

Thank you for your attention!

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