

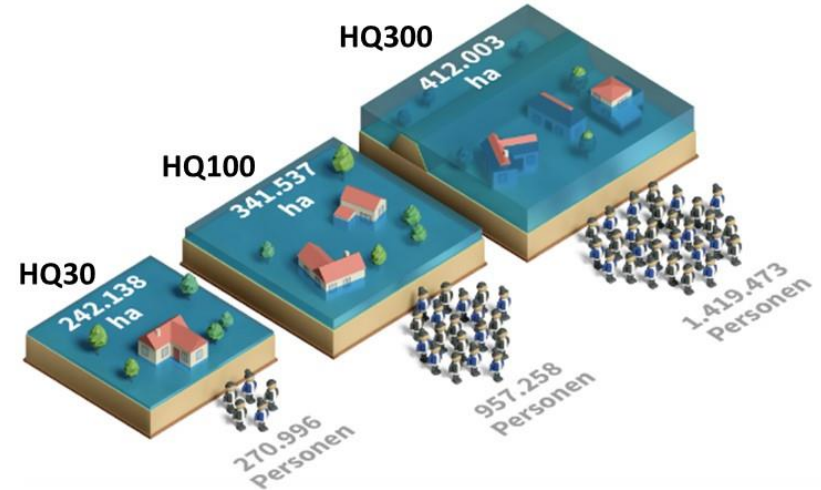
Flood risk management in Austria

An integrated approach

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Flood Risk Management Directorate
Online, 22. January 2025

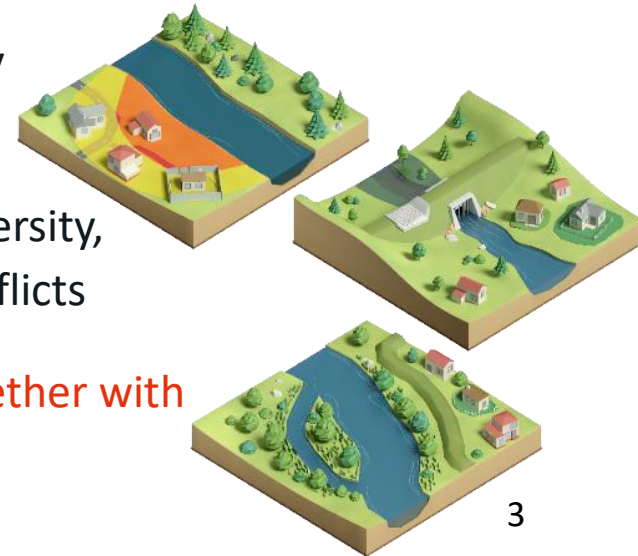
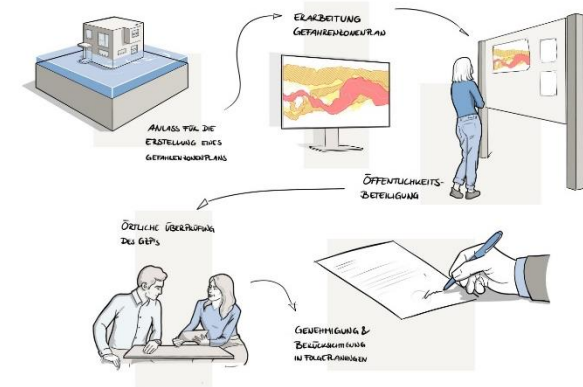
Framework

- **EU Water Policy:** Floods Directive, Water Framework Directive, Nature Restoration Law, Green Deal
- **Austria, a federal state**
 - Water legislation on national level
 - Nature conservation, spatial planning, building regulation, emergency management on provincial level
 - Zoning and building permits on district/municipal level



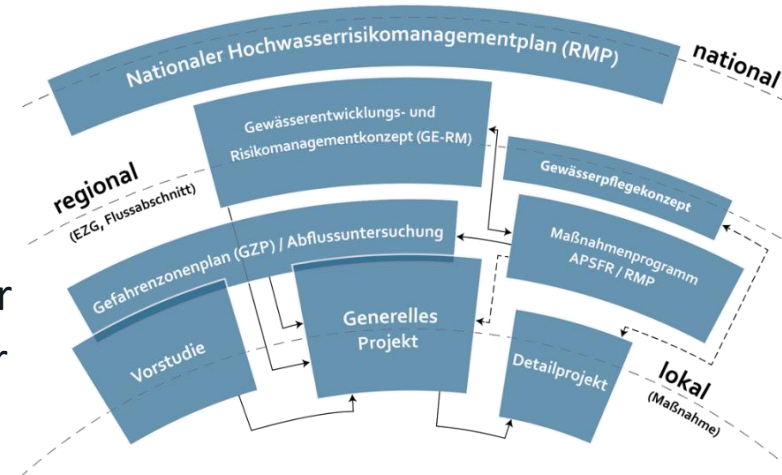
Priorities

- **Coordinated planning** on catchment scale and local level prior to the implementation of measures
- Measures to **retain and store water** are of higher priority than grey infrastructure
- Achievement of **multiple benefits** (risk reduction, biodiversity, hydro-morphology, recreation, etc.) by avoidance of conflicts
- Transparent, participative and cooperative planning **together with interested parties and the public** from the beginning



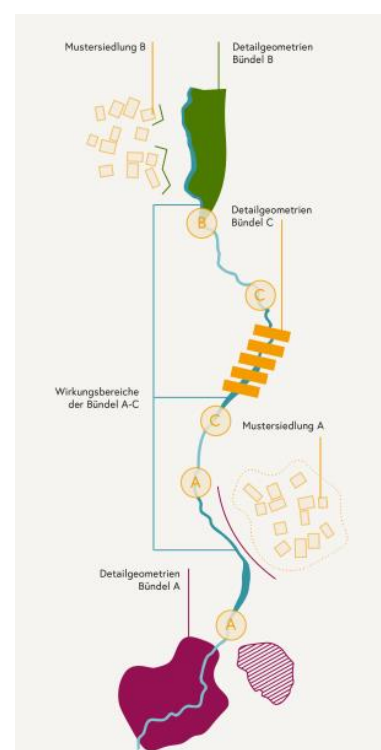
Coordination

- National Level – **Coordinated implementation** of FD and WFD with strong links to the Climate Change Adaptation Strategy
- Catchment Scale – **River Development and Risk Management Concept**, tailor made for different/contradicting interests and claims
- Local Level – **Hazard zone planning** as support for zoning and land development plans as well as for emergency management and awareness raising



River development and risk management concept

- Focus on FD and WFD implementation on **catchment scale**
- Based on water body status, flood hazard, flood risk, river ecology
- **Medium to long term** objectives, measures, options for risk management, river development and sediment management
- Institutionalised **participation** from interested parties and the public throughout the whole process to find synergies multi benefit solutions and to avoid/minimise conflicts

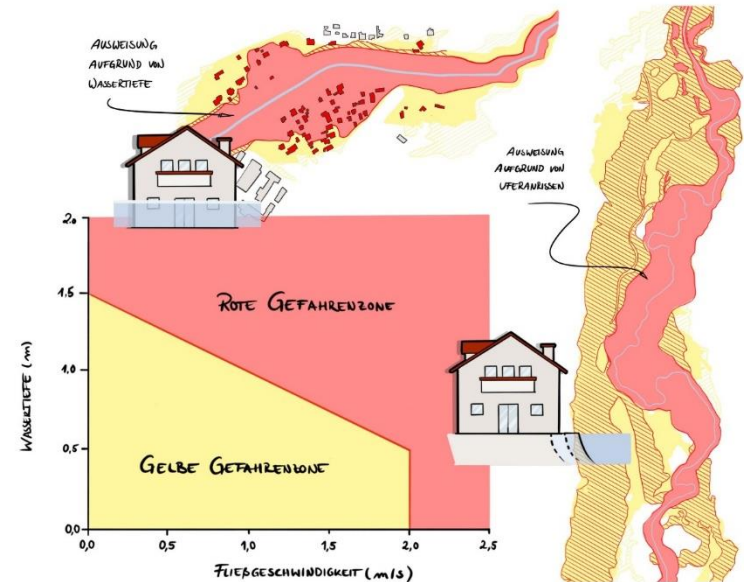


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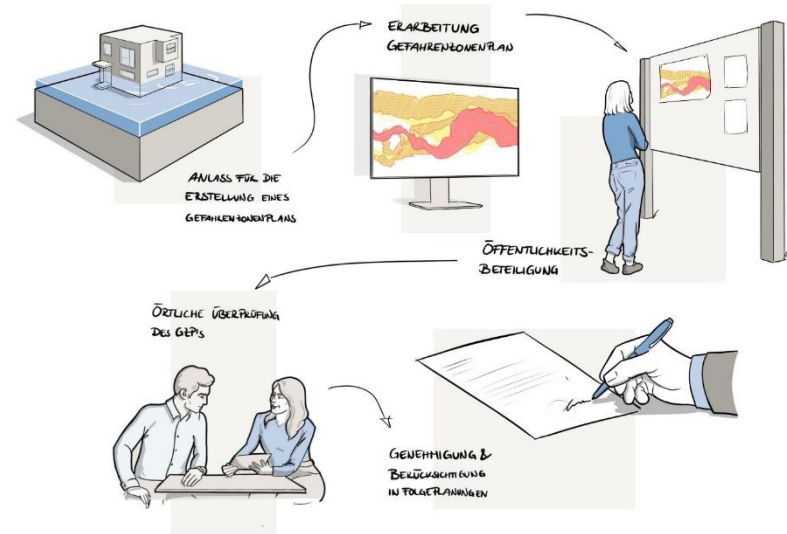
Hazard zone plans

- Based on **flood intensity** (function of water depth and flow velocity)
- **Advisory opinion** from flood risk managers as link to spatial planning, building regulation and emergency management
- **Implications and obligations** with reference to hazard zones and functional areas are defined in spatial planning laws and building regulations



Hazard zone plans

- Serves as tool for **awareness raising** as public participation as obligatory
- **Funding prerequisite** for flood risk management measures
- **Highlights functional areas** for water retention, conveyance and areas relevant to avoid the increase of flood risk



Raising Awareness

- **Suitable tools** aligned to the planning processes
- Information for **different target groups**
- **Online platforms** for relevant natural hazards - HORA
- **Site specific** output



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Flood Risk Management in Austria

HORA 3D tutorial (English):
<https://www.youtube.com/watch?v=aPs8Ph35Kxk>



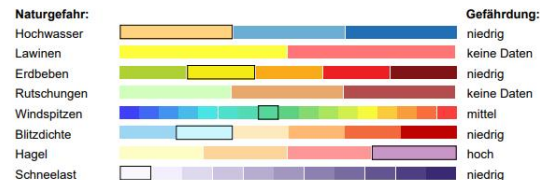
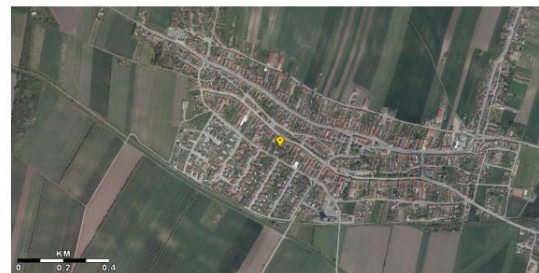
Raising awareness - HORA

- A **private-public-partnership** between the Austrian Association of Insurance Companies and the Austrian Federal Ministry
- **Open access** tool for awareness raising and information
- Indication of hazards related to a free to choose address point (e.g. own property) including the processed information as a pdf
- Login area for insurers to determine premiums

HORA-Pass

Adresse:
Seehöhe: 177 m
Auswerterradius: 10 m
Geogr. Koordinaten: 48,64455° N | 16,71851° O

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