

Disaster management

Lower Austria

City of Amstetten

Mag. Beatrix Lehner
City office director Amstetten



Mag. Beatrix Lehner CV

- City office director
- Head of red cross district branch (volunteer)



Austria - facts

- Area: 83.879 km²
- ~8,5 mio. inhabitants
- 9 provinces „Bundesländer“
- 80 districts „Bezirke“
- 15 cities with special status „Magistrate“
- 2100 communities „Gemeinden“

source: ÖSTAT 11/2016



Lower Austria „Niederösterreich (NÖ)“

Niederösterreich (NÖ):

21 districts (Bezirke)

4 cities with

special status (Magistrat) ~500-1000m

573 communities (Gemeinden)

1,6 Mio. inhabitants

19.186 km²

623.000 households

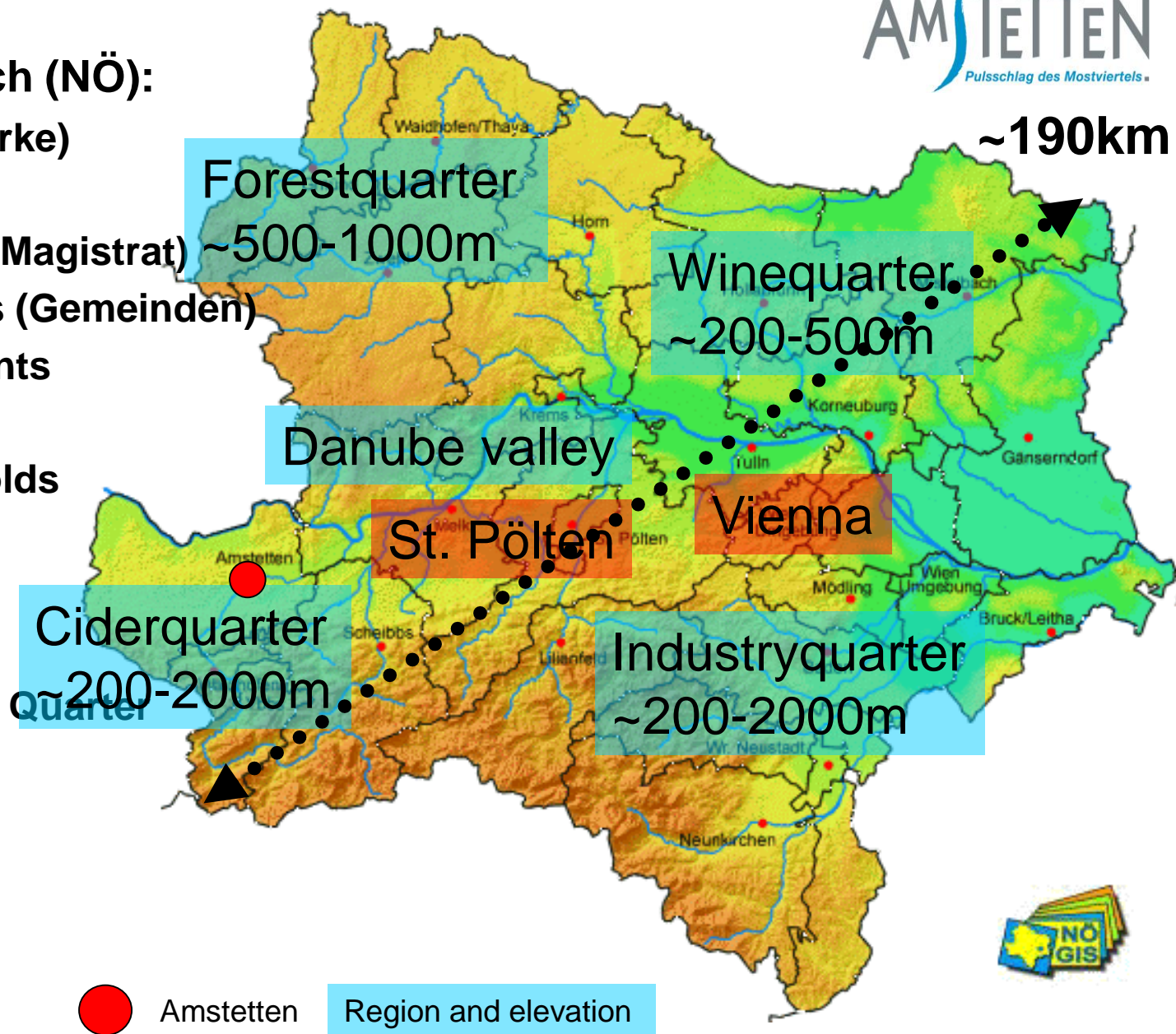
~ 40% forest

4 Quarters

(Cider-, Forest-,

Wine- & Industry

Danube Valley



Amstetten

- District capital
- Inhabitants: 23.000
- area: 52,22 km²
- ~18,000 jobs
- Military base
- 3 police stations
- 1 Red Cross station
- International partnerships:
Alsfeld (D), Ruelle (F),
Pergine (I),



Analysing the area - Risk overview

Railwaystation—400 trains/day (velocity 230km/h)

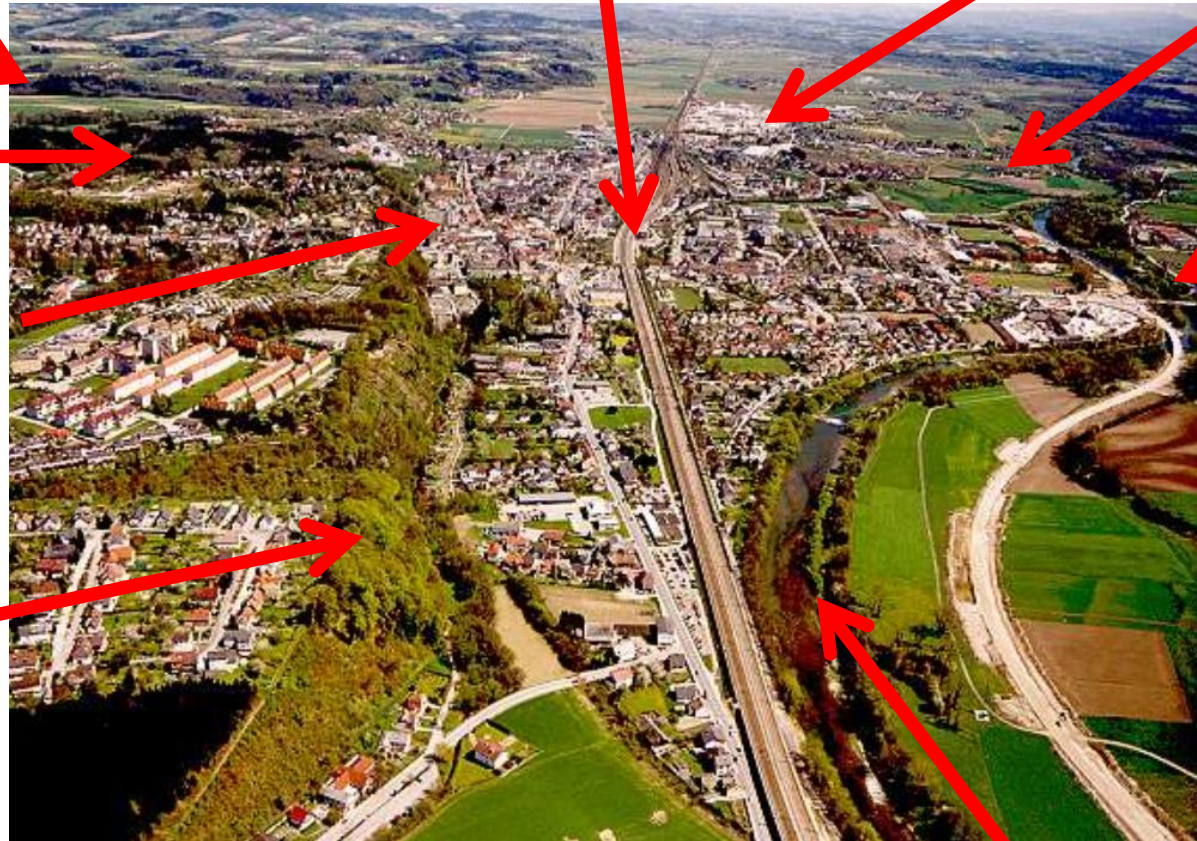
Main highway A1 Vienna – Salzburg - ~100.000 cars/day

Industrial zone

Water
treatment

Power
plant

Schools,
Kinder
gardens



Torrents with
retention basins

hospitals~800
beds

Nursing homes

Steep slopes
- Danger of
landslides
- Danger of floods
due to surface
water
- rockfalls

Ybbs River with dams

Disaster

- A danger of extraordinary dimension
- Threatening humans, nature or valuable assets
- Only manageable with the service of aid- and rescue organisations
- Coordination by the disaster management authorities



THE ROLE OF THE COMMUNITIES

**„There is a saying
that all disasters are local“**



**„Nobody knows a community`s needs, capacities, and
risks as well as the community members themselves.“**

Coppola D. (2015)

Introduction to International Disaster Management, p.481



Amstetten 1996



Retention basin Gschirnbach

Risk communication

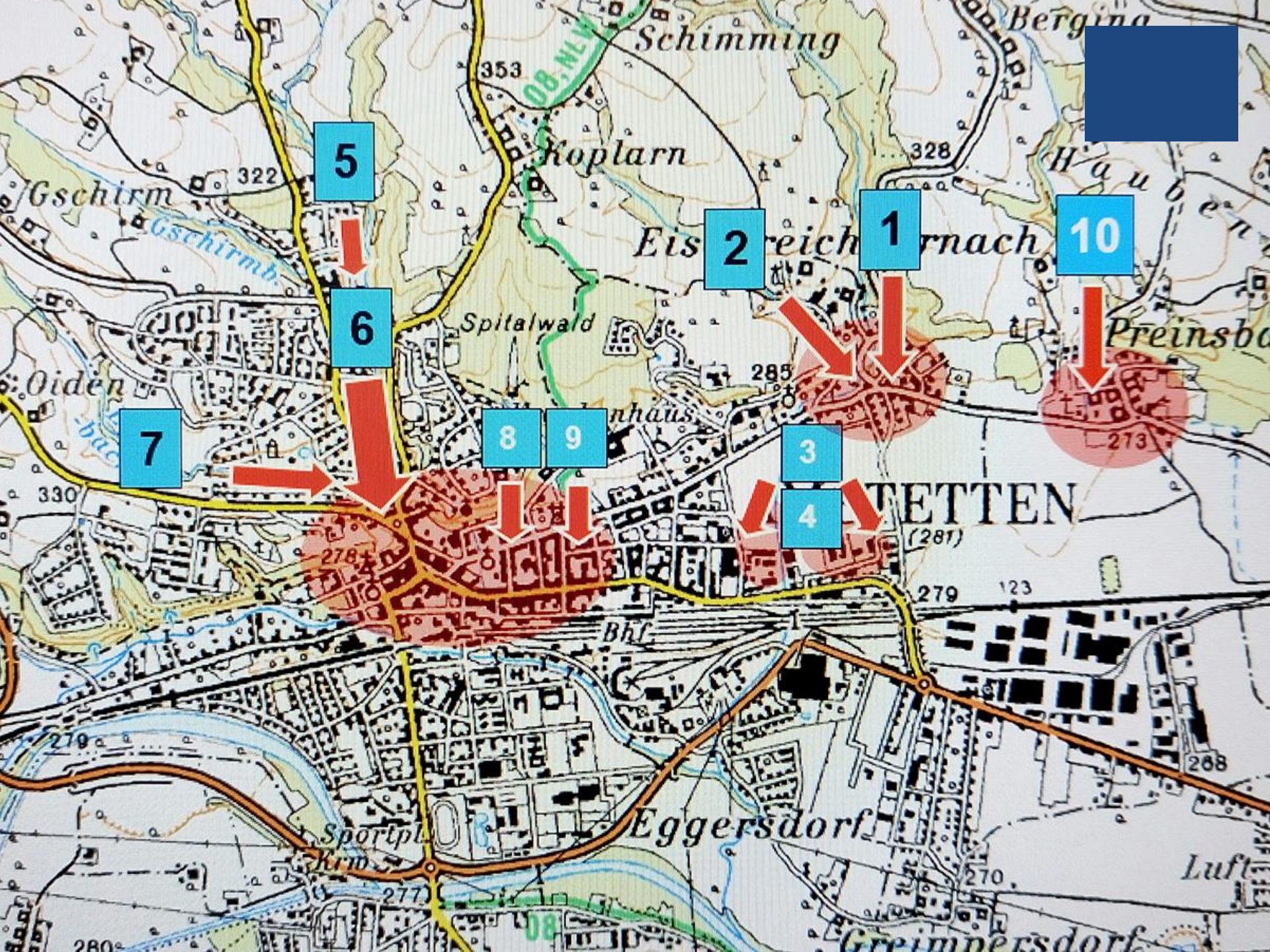
ATTENTION – danger zone retention basin







Ybbs dam





Disaster prevention planning

residual risk planning – computer simulation



„A star is born“



NOTFALLPLAN ÜBERLASTFALL - DAMMBRUCH					NFP 2	
MASSNAHMENKATALOG						
W [cm]	Nr.	Maßnahme	Zuständigkeit			Verweis
			AV	Gem	BH	
		ANKÜNDIGUNG DAMMBRUCH				
	1	Großen Einsatzstab aktivieren	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	G 2.1
	2	Verständigungen durchführen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	G 2.2
	3	Dammverteidigungsmaßnahmen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	G 2.3
	4	Warnung der Bevölkerung, notfalls Zivilschutzalarm auslösen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	G 2.4
	5	Evakuierungsmaßnahmen durchführen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	G 2.5
		DAMMBRUCH				
	6	Zivilschutzalarm auslösen und Verständigungen durchführen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	G 2.6
	7	Rettungsmaßnahmen durchführen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	G 2.7



Impressions Forest quarter



Impressions Slovenia





City of Amstetten

- Hydro power plant
- Water supply



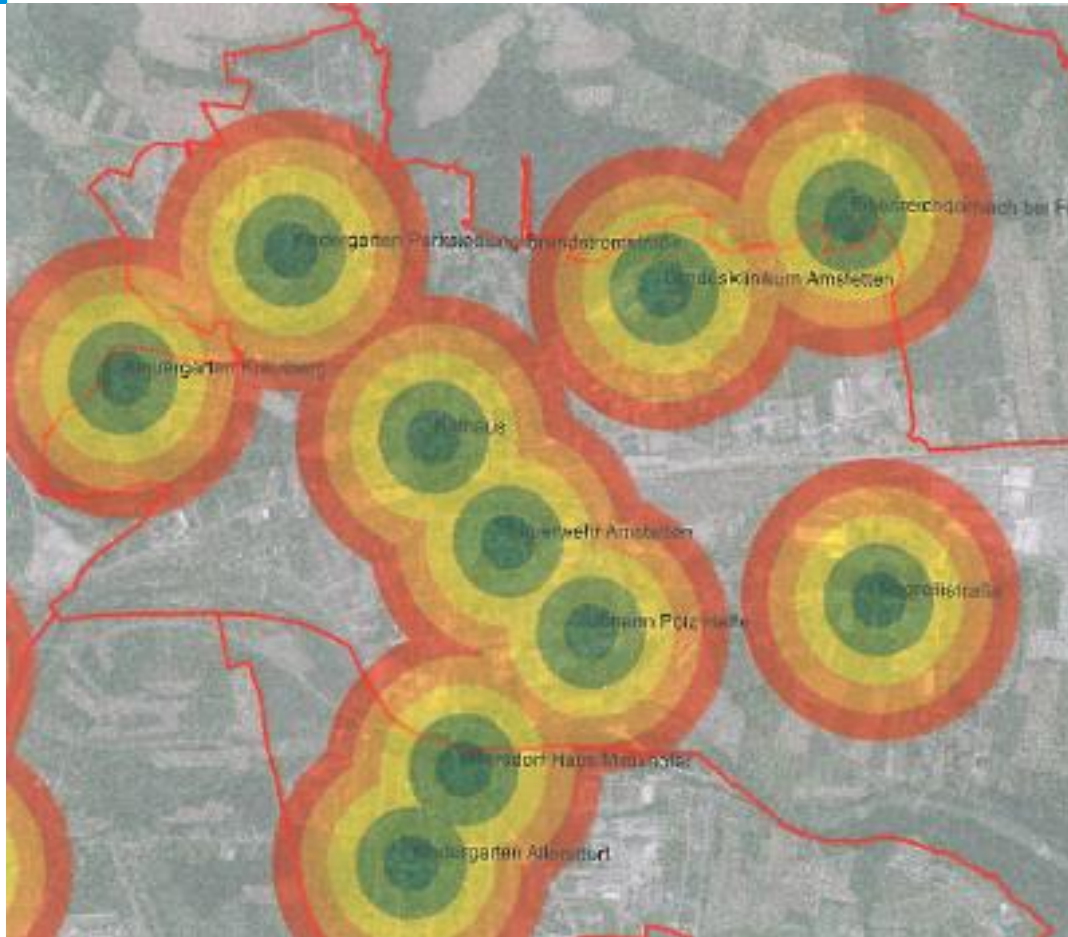
We miss the forest for the trees

Workshops

- Mobility
- Safety
- Communication
- Health care
- City power generation
- Economy
- Schools and kindergardens



Details from planning external communication during black out



Infopoints for public information

Annex Map of the Special disaster plan „Black out“

Worked out with GIS

Conclusions

- „Cold start“ of power plant
- Emergency power supply
- Radio equipment



organisation for „disaster situation“

command staff

Incident commander

- Officer in charge
- S1 - Personal planning
- S2 - Assessment of the situation
- S3 - Incident officer
- S4 - Logistic officer
- S5 – Press and information officer
- S6 - IT-Communication officer
- S7 – holistic care officer
- Auxiliary personnel

Disaster prevention

Takeaways and challenges

- Challenging and expensive
- Help with financial support by state
- Frequent updates necessary
- Selection and training of command personnel
- Duty towards citizens

Thank you for your attention!