



# Ředitelství vodních cest ČR

## Water infrastructure in the Czech Republic – further development within the Czech transport policy framework

**EBU SEMINAR**

**Modal integration within the multimodal TEN-T corridor concept,  
7 APRIL 2014 BRUSSELS**

**Lubomir Fojtu**

**Waterways Directorate of the Czech Republic**

Po vodě – ekologicky, levně a v pohodě



## ŘVC ČR

- Established on the 1st of April 1998
- Organisational unit of the Czech state for the development of the waterways infrastructure in the Czech Republic
- Building and modernization of all the components of the waterways and of other constructions needed for securing the water transport and for their maintenance
- International cooperation within the river transport sector in connection with the integrated action programme for the IWT - NAIADES II.





# Development of the Czech IWW

## Strategic view of the MoT

- ❑ **Transport policy for the 2014-2020 period**
  - **Approved by the Government resolution No.449 from the 12.6.2013**
  - **Aim – improvement of the conditions for the competitive ability of the IWT**
  
- ❑ **Transport sector strategies – 2. phases**
  - **Strategy approved by the Government resolution No. 850 from the 13.11.2013**
  - **SEA process finished succesfully**
  - **The IWT infrastructure is an integral part of this strategy**

## Waht has been achieved?

- ❑ **Finished anti-flood protection system of the vessels**
  - The Elbe-Vltava waterway covered by the basic network
  - The 2013 flood confirmed its functionality
  - Only partial completion of the network remains
- ❑ **Almost finished modernisation of the locks on the Elbe river**
  - 24 out of 26 locks already modernized
- ❑ **Maximal air-draft 5,25 M secured on the whole Elbe waterway**
- ❑ **Navigability on the Vltava river from the lock Hněvkovice up to Č. Budějovice**
  - 29 km of a new waterway with 3 locks, 1 port a 5 marinas
- ❑ **Modernization of the Bata canal**
  - Modernized locks
  - Finished continuous network of public ports



Po vodě – ekologicky, levně a v pohodě

## What are the impacts of the utilisation of IWT?

### □ Increased utilisation of pleasure boats

- Obvious increase of the utilisation of the Bata canal, i.e. thanks to a systematic infrastructure development
- Increased transport on the Vltava river, especially on the dams
- Partial transport increase on the Elbe river

### □ Continuing decrease of the freight transport

- Main reason – persisting instability of the water level on the regulated section of the Elbe river



## Significant realized projects

### □ Port of Hluboká n.V.

- 73 pleasure boats + 2 passenger vessels
- Completion 2014



### □ 6 marinas on the lower Elbe

- Continuous network of marinas and passenger ports
- Completion 2014



# Development of the Czech IWW

## Port of Hluboká nad Vltavou



**Under construction**

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## Development of the Czech IWW

### Significant realized projects

#### Port of Petrov

- Location - Bata canal - 42 pleasure boats + 2 passenger vessels + service center
- Completion 2014 – financed by the Czech National Infrastructure Fund (SFDI)

#### Completion of the Vltava WW between lock Hněvkovice – and Týn n.V.

- Lock and weir Hněvkovice, modernization of the weir and fairway regulation
- Completion 2014 – 2015 – financed from the OPT + SFDI

#### Modernization of the locks in Brandýs n.L. and Velký Osek

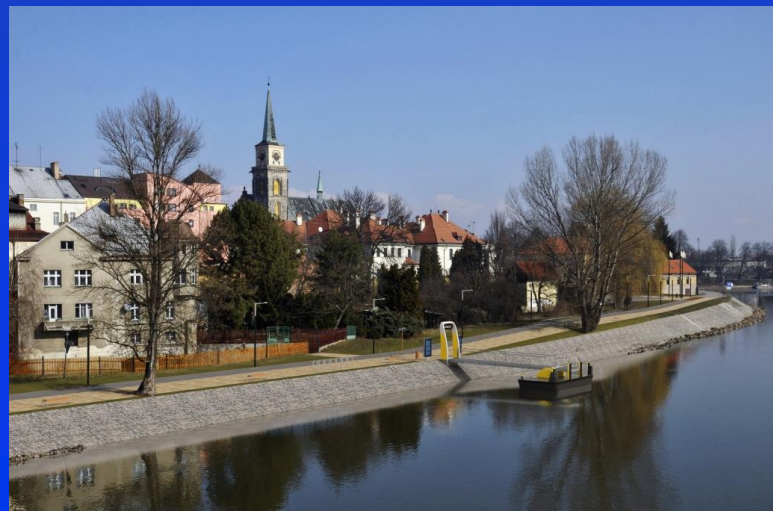
- Complete modernization and statical securing
- Completion 2014 – 2015 – financed from CEF + SFDI

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# Significant prepared projects

## Pleasure boats - marinas

- Děčín – Smetanovo nábřeží
  - Malé Žernoseky
  - Roudnice nad Labem
  - Mělník
  - Neratovice
  - Brandýs nad Labem
  - Čelákovice
  - Lysá nad Labem
  - Nymburk
  - Poděbrady
  - Velký Osek
  - Davle
  - Purkarec
- Further localities will follow



Po vodě – ekologicky, levně a v pohodě

## Significant prepared projects

### Pleasurte boats – securing the continuous WW

- **Vessel lifts Slapy and Orlík – Vltava**
  - **Securing a continuous WW – of a I. river class**
  - **Planning permission + EIA**
  
- **Prolonging the Bata canal WW**
  - **Lock chamber Rohatec**
  - **Lock chamber Bělov**
    - **Both projects in process of planning permission**



Po vodě – ekologicky, levně a v pohodě

## Where the development is heading towards?

### Transport sector strategy – 2nd phase

- **Evaluated constructions in total amount of 24,0 bln. CZK**
- **From the point of view of the transport needs of the Czech state defined 3 basic project clusters on the TEN-T network**
- **For the period until 2020 there is proposed to allocate 10,3 bln. CZK, ie. 3,5 % of the whole financial means to the WW**
- **The realisation will depend on the project readiness and financial means available**
- **Primal utilisation of the EU funds, mainly of the CEF and OPT II**
- **Proposal to allocate yearly 150 mil. CZK out of the SFDI budget for the marinas**
- **Other essential projects for the pleasure boats to be realized under utilisation of tourism funds (fe. IROP)**
- **SFDI budget for 2014 941 mil. CZK**

## Cluster lower Elbe

### Transport sector strategy – 2nd phase

#### Essential need:

- ❑ Lock chamber Děčín
  - EIA process running
  - Aim to finish the EIA in 2014
  - Completion 2017 - 2020

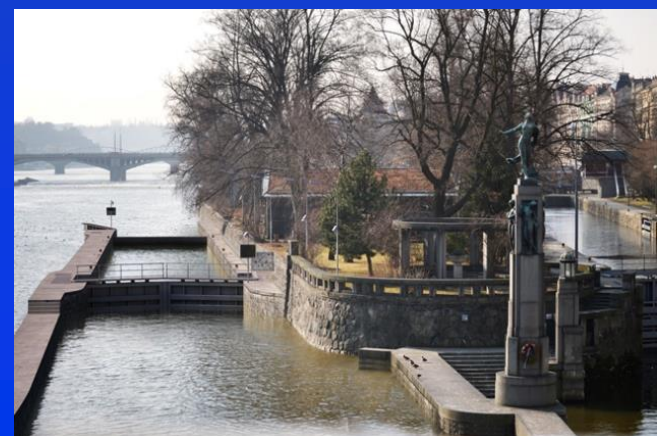


Po vodě – ekologicky, levně a v pohodě

## Cluster lower Vltava

### Transport sector strategy – 2nd phase

- ❑ **Air-draft between Mělník and Prague**
  - **Rekonstrukce of 8 bridges, completion consecutively starting from 2015**
  - **Modernization lock chamber Hořín**
  
- ❑ **Increasing draft**
  - **Mělník – Radotín section 2,20 m – under preparation**
  - **Straits Zbraslav, Štěchovice – preparation 2014**
  
- ❑ **Lock chamber Praha – Staré město**
  - **Finished EIA notification and architectonic study**



Po vodě – ekologicky, levně a v pohodě

### Cluster middle Elbe

- ❑ **Lock Přebouč II**
  - **appellate procedure to the planning permission, project documentation, realisation from 2014**
  
- ❑ **Further constructions navigability up to Pardubice**
  - **Modernization of the lock chamber Srnojedy**
  - **Bridge Václav – Mělice**
  - **Stabilization of the fair-way in the port of Chvaletice**
  - **Public port Pardubice**



Po vodě – ekologicky, levně a v pohodě

# CONCLUSION

- **huge prospects of IWT in CZ**
- **lack of stability in waterlevel leading to**
  - **substantial losses for the industry**
  - **non-reliability of the industry**
- **need to remove bottlenecks and missing links in river Elbe within TEN-T planning**





**Thank you for your attention**