

# Expert Group on Adaptation to Climate Change

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# *How do you contribute with your work in your country/organization to climate change adaptation activities?*

## Forest Management Institute Czech Republic

- Information and Data Center for Forestry and Game management
- Monitoring of the state and development of forest ecosystems
  - National Forest Inventory, Regional Plans of Forest Development
- National Program on Protection and Reproduction of Forest Tree Species Gene Pool 2014 – 2018
  - coordination of the programme
  - classifying, change or removal of genetic resources
- Forest health monitoring – remote sensing

## Branch Olomouc

- Analysis of the data warehouse (databases)
- Regional Plans of Forest Development
  - forest protection survey (methodology, evaluation)

# *Please describe a successful example of climate change adaptation measures implemented in your country/by your organization*

- Tree species composition changes
  - long-term support of reforestation and planting of soil-improving and stabilising species (decreasing of spruce and pine)
- National Program on Protection and Reproduction of Forest Tree Species Gene Pool 2014 – 2018
  - National seed bank of forest tree species (conservation of seeds for 20-30 years)
  - National explant bank of forest tree species (cryoconservation of explants)

# *Is there a national strategy (does your organization have a strategy) on adaptation of forests to climate change?*

## Strategy on Adaptation to Climate Change in the Czech Republic (2015)

- Identified priority sectors threatened by impacts of climate change
- Potential risks, general adaptation measures, priorities
- Analysis of legislation, rough budget

## National Action Plan on Adaptation to Climate Change (January 2017)

- Implementation document of the Strategy on Adaptation to Climate Change in the Czech Republic
- Structured according to type of climate change demonstration
- 33 specific targets defined by 52 priority measures and 160 priority tasks
- deadlines, responsibilities, potential costs

# *What are major challenges related to climate change and forests in your country/organization?*

- Continuation in changes of tree species composition, mainly on threatened sites
- Using of non-native tree species (*Pseudotsuga menziesii*, *Larix decidua*) up to 20 % of forest stand composition on suitable sites
- Research of the gene pool of tree species ecotypes threatened by climate change
- Protection and restoration of natural water regime in forests
- Elaboration of Best Management Practices for forest owners in risk areas