



Russian forests and climate change

*Online awareness raising WS on
“Climate Change and Russian Forests:
Impacts, Vulnerability and Adaptation Needs”
30 March 2021*

WELCOME & INTRODUCTION

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European Forest Institute
Coordinator of the RUFORCLIM-project*

Supported by




Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

of the Federal Republic of Germany

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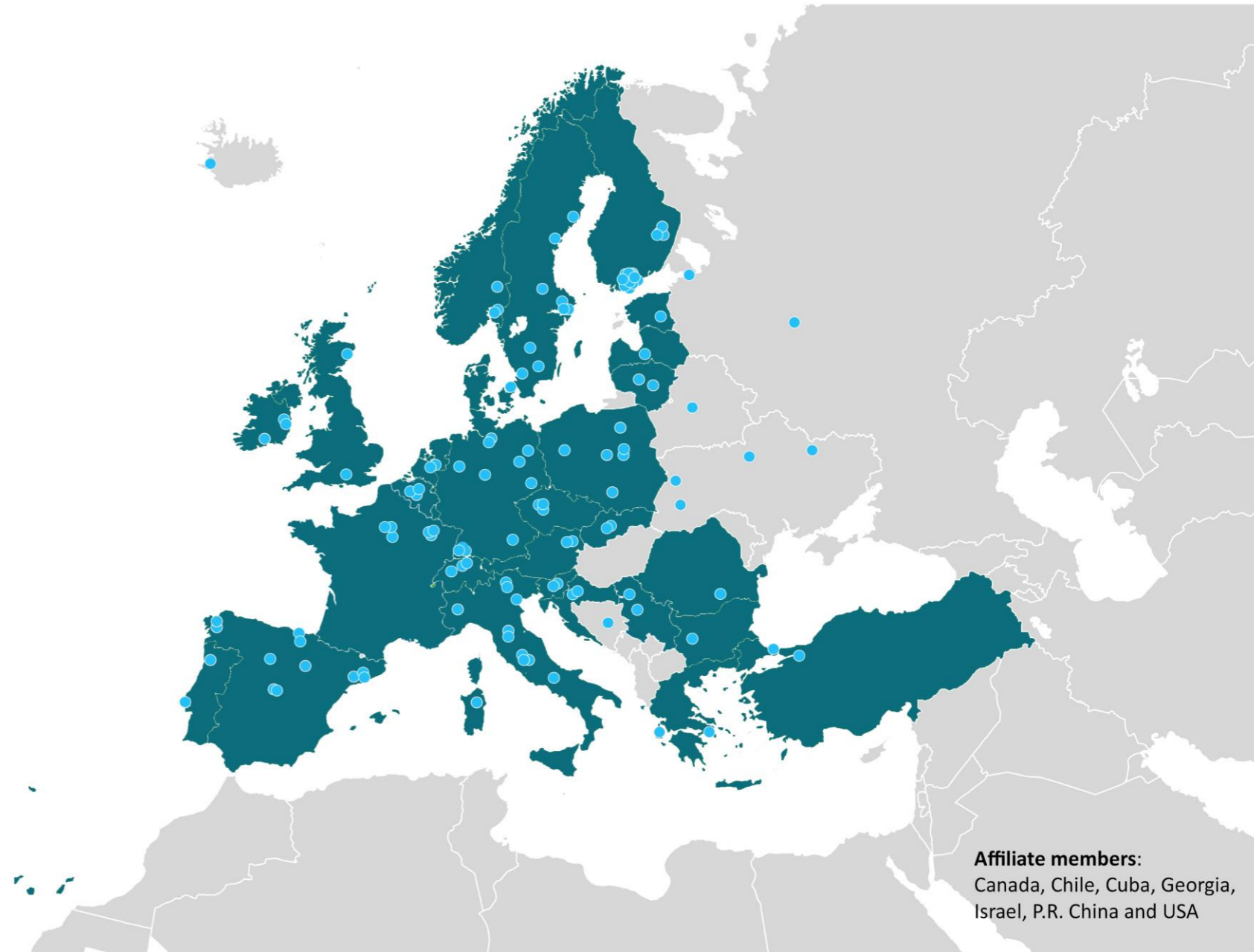
Before we start...

- We have an interpreter in the meeting, and you can find them by clicking the small globe icon  Please, choose Russian or English language
- If you have any questions or comments, you can type them in the Q&A box or raise your hand to ask for the floor to speak.

European Forest Institute

Owners of EFI

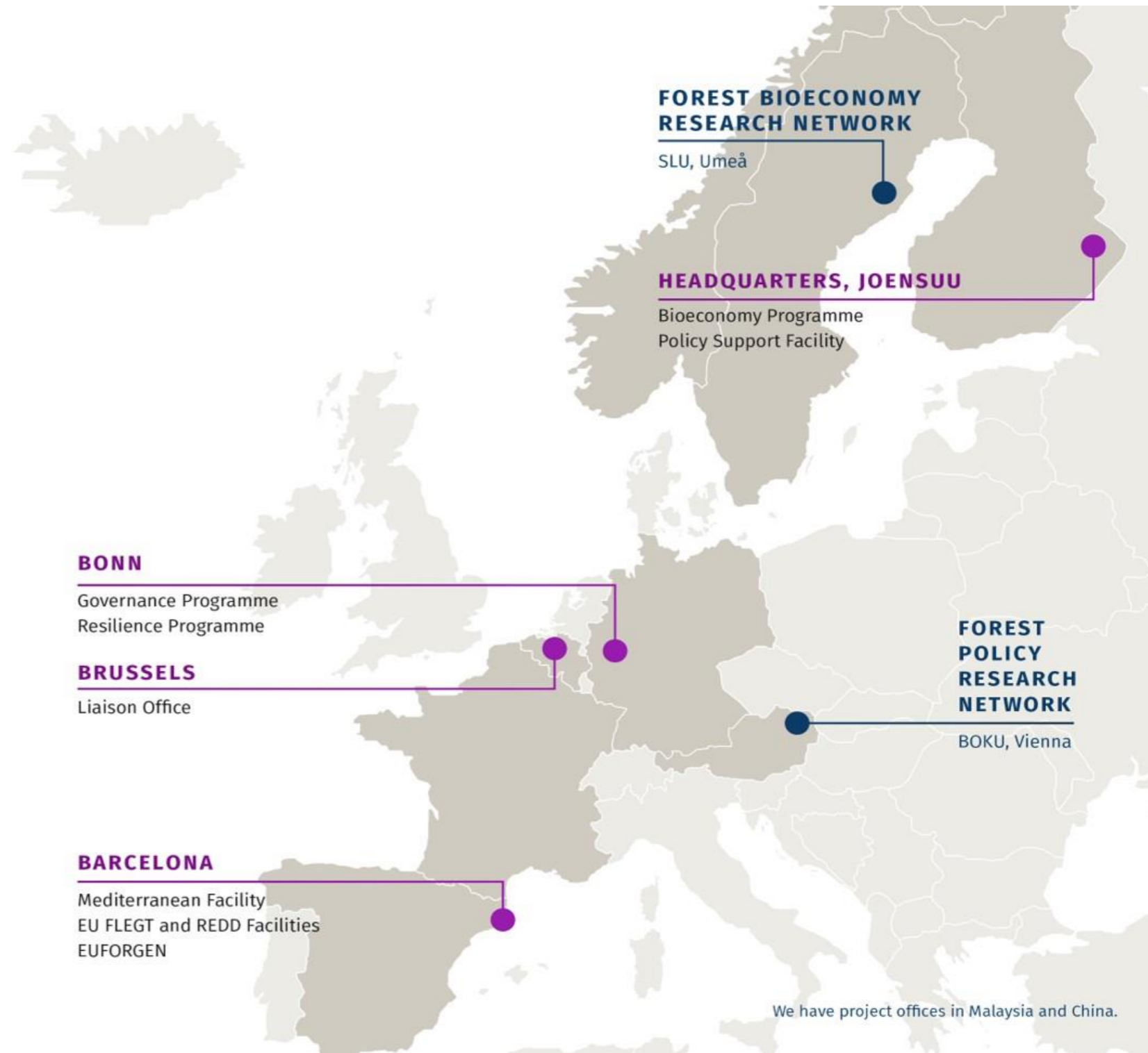
- Currently, a total of 29 European States have ratified the Convention on EFI.
- EFI has c. 130 member organisations in 39 countries.



Expertise and knowhow at EFI

- 130 employees
- 31 nationalities
- Average age 41

- Gender balance
 - 52% male
 - 48 female



“RUFORMCLIM” project: Phase 1

Background:

- Importance of Russian forests in climate change adaptation and mitigation
- Synthesise current **scientific evidence**

Topics:

- **Disturbances and adaptation**
- **Mitigation and CSF**
- Forest-based **bioeconomy**

Research group:

- About 10 European as well as 10 Russian scientists
- Project coordination by EFI

Duration:

- April 2019 – December 2020

Funding:

- European Union’s Partnership Instrument and the German Federal Ministry of the Environment, Nature Conservation and Nuclear Safety in the context of the International Climate Initiative



Key messages

Russian forests represent a large carbon sink, but:

- Large wildfire disturbances with subsequently increased tree mortality may lead to substantial decrease of the Russian forest carbon sink

Future natural disturbance impacts are critical:

- Prevention of disturbances
- Enhancing forest restoration/reforestation and well as sustainable forest management

Climate Smart Forestry:

- A holistic view is needed in Russia for effective climate change mitigation and adaptation as well as biodiversity protection
- Regional differences should be taken into account

Circular forest-based bioeconomy:

- New economic foundation for Russia instead of fossil materials
- New/emerging products such as multi-storey wood construction and wood-based textiles

Investments needed in:

- Sustainable forest management
- Infrastructure
- New products and technologies

Next steps

“Phase 2”:

- Continuation of RUFORCLIM “Phase 1”
- Until 31 October 2021

Objectives:

- Raising awareness **events** for stakeholders (e.g. forest authorities, scientific and business community, NGOs)
- Raising awareness materials (**policy briefs, infographic videos**)
- working with **media** to improve understanding of climate change and its environmental, social and economic implications

Events:

- **Science-media WS**: February 2021 (virtual)
- **WS on disturbances and adaptation**: March 2021 (virtual)
- WS on **CSF**: June 2021 (virtual)
- WS on **bioeconomy & finalising event**: September 2021 (virtual)
- What could be the implications for Russia?

Programme

CET	Connection opens 30 mins before the event for tech check
13.00-13.10	Welcome & objectives of the meeting Pekka Leskinen, Head of Bioeconomy Programme, Project Coordinator, European Forest Institute (EFI) Natalia Lukina, Chair, Bureau of the Scientific Council on Forest of the Russian Academy of Sciences (RAS), Russia
13.10-13.25	Introduction to the EFI's scientific assessment on the topic "Climate change and Russian forests: impacts, vulnerability and adaptation needs" Marcus Lindner, EFI
13.25-13.40	Questions and comments
13.40-13.55	Climate change in Russia – past, present and future Riccardo Valentini, University of Tuscia, Italy; RUDN University, Russia
13.55-14.05	Commentary presentation on the topic Alexander Chernokulsky, A.M. Obukhov Institute of Atmospheric Physics, RAS, Russia
14.05-14.20	Questions and comments
14.20-14.35	Natural disturbances in Russian forests Sergey Bartalev, Space Research Institute, RAS, Russia
14.35-14.45	Commentary presentation on the topic Alexey Yaroshenko, Greenpeace Russia, Russia
14.45-15.00	Questions and comments
15.00-15.15	Coffee break
15.15-15.30	Ecosystem services provided by Russian forests, past and present carbon budget Anatoly Shvidenko, International Institute for Applied Systems Analysis, Austria
15.30-15.40	Commentary presentation on the topic Dmitry Karelin, Institute of Geography, RAS, Russia
15.40-15.55	Questions and comments
15.55-16.10	Forest governance and adaptation needs Marcus Lindner and Elena Kulikova, EFI
16.10-16.20	Commentary presentation on the topic Vladimir Korotkov, Yu. A. Izrael Institute of Global Climate and Ecology, The Russian Federal Service for Hydrometeorology and Environmental Monitoring, Russia
16.20-16.35	Questions and comments
16.35-16.45	Key messages and recommendations Marcus Lindner, EFI
16.45-17.00	Discussion and closing remarks



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Thank you!

