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TEF (Uncompressed) decompressor
are needed to see this picture.

Name and

### QUEST &

Joint Implementation Forestry Project (JIFor)

> Wolfgang Knorr QUEST Deputy Leader

> > QuickTime™ and a TIFF (Uncompressed) decompressor are needed to see this picture.





#### Overview

- Introduction
- What does QUEST do?
- The JIFor Research Project
- The Forestry Projects





#### Introduction

- QUEST
- JI vs. CDM forestry projects (Martin Burian, GfA Envest)
- JIFor Carbon Methodologies (Neil Bird, Joanneum Research)
- JIFor Social and Environmental Methodologies (Claudia Carter, Forestry Research)
- Simplification and Methodologies Demonstration (Robert Matthews, Forestry Research & Neil Bird, Joanneum Research)
- · Panel Discussion, including

Daria Lugova (*WWF Russia*) Viorel Blujdea (*Forest Research and Management Institute, Romania*) Martin Schröder (*TüV-Süd*) Alan Spessa (*QUEST-Fire MAFS, University of Reading*)





#### **QUEST**



U.K. £23M Directed Programme, 2003-2010 Leader - *Colin Prentice* Core Team hosted at University of Bristol 3 Research Themes *(next slide)* 200+ UK scientists engaged in research 30+ research institutions

http://quest.bris.ac.uk





### The Big QUESTions

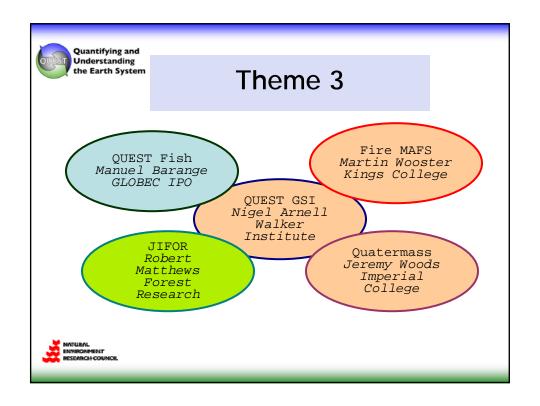
Theme 1: How important are biosphere-climate feedbacks for 21st century climate change?

Theme 2: How are climate and atmospheric composition regulated over timescales up to a million years?

Theme 3: How much climate change is 'dangerous'?

And how much can be avoided by managing the biosphere?







### **JIFor Research Project**

"A bottom-up case study that will use relevant scientific knowledge to design and implement a demonstrator project under the Kyoto protocol's flexible mechanisms"





## **Project Requirements\***

- apply and where necessary develop, suitable methodologies and metrics for monitoring of carbon, biodiversity, watershed, soil and social impacts
- must contain 3 project types: afforestation/reforestation with biomass energy production and utilisation, forest conservation and forest management
- establish methodologies through officially registered JI (or CDM) project
- · establish a monitoring system
- evaluate the scale-dependency of the methodologies
- provide science-based guidance for post-2012



\* from the AO

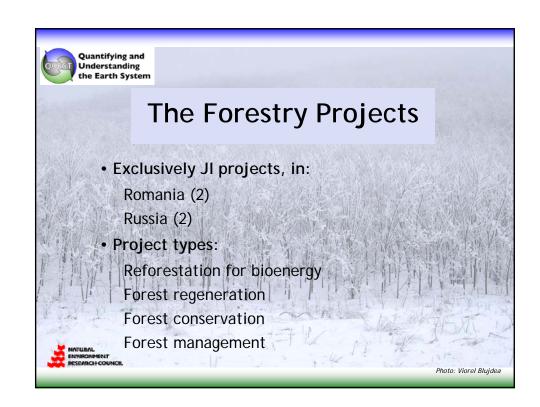


#### The Team

- Forest Research, British Forest Commission, Surrey, U.K.
- · Joanneum Research, Graz, Austria
- · GfA Envest, Hamburg, Germany
- World Wide Fund for Nature, Moscow, Russia
- Forest Research and Management Institute, Romania
- TüV-Süd\*, München, Germany
- Climate, Community & Biodiversity Alliance\*, Washington D.C., U.S.A.
- Bernhard Schlamadinger\*, TerraCarbon



\* in an advising role





## **Reforestation for Bioenergy**

Small Island of Braila, Danube River, Romania

- Combined Afforestation/Reforestation and Bioenergy Project
- · Land use changes: wetlands, agriculture, forestry
- Flood risk





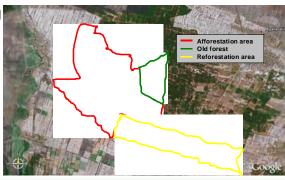


## **Forest Regeneration**

Support for local forest owners associations, Mirsani Dolj, Romania

- · Afforestation, Reforestation (Art. 3.3) and Revegetation (Art. 3.4)
- Complex social issues
- Some state support
- Carbon income sought to finance continued forest management after A/R and Revegetation







# **Forest Management**

Svetlozerskles Improved Forest Management Project, Arkhangelsk Region, Russia

- · Reduction in logged volume
- Aided regeneration
- Approx. 30,000 EURs in first year, 900,000 EURs over 30 years





Photo: Andrey Shegoles



#### **Forest Conservation**

The Dvinsky Climate Action Project Arkhangelsk region, Russia

- · Retiring of planned logging concession
- · Part of largest intact oldgrowth forest in Europe
- · Last remaining uncontracted area
- Approx. 99,000 EURs in first year, 2,350,000 EURs over 30 years





Photo: Andrey Shegolev

