1. January 2015 – 31. December 2017

GLOBBIOMASS

http://globbiomass.org/

DUE GlobBiomass - Introduction

Major Project Tasks:

1. **Improve above ground biomass maps (stock and changes)**
   - **Better geometric resolution and**
   - **Improved accuracies**
     - **global:** resolution **150-500 m** and accuracy expected **70%**,
     - **regional:** resolution **50-150 m** and accuracy expected >**80%**
   - **Validation (discrepancy map and error statistics)**

2.

3.

4.

DUE GlobBiomass - Introduction

Major Project Tasks:

1. **Improve above ground biomass maps (stock and changes)**
   - **Better geometric resolution**
   - **Improved accuracy**
   - **Validation (discrepancy map and error statistics)**

2. **Platform for data sharing and validation**

3.

4.

DUE GlobBiomass - Introduction

Major Project Tasks:

1. **Improve above ground biomass maps (stock and changes)**
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3. **Better stratification of landscape (forest types/species)**

4.

DUE GlobBiomass - Introduction

Major Project Tasks:

1. **Improve above ground biomass maps (stock and changes)**
   - **Better geometric resolution**
   - **Improved accuracy**
   - **Validation (discrepancy map and error statistics)**

2. **Platform for data sharing and validation**

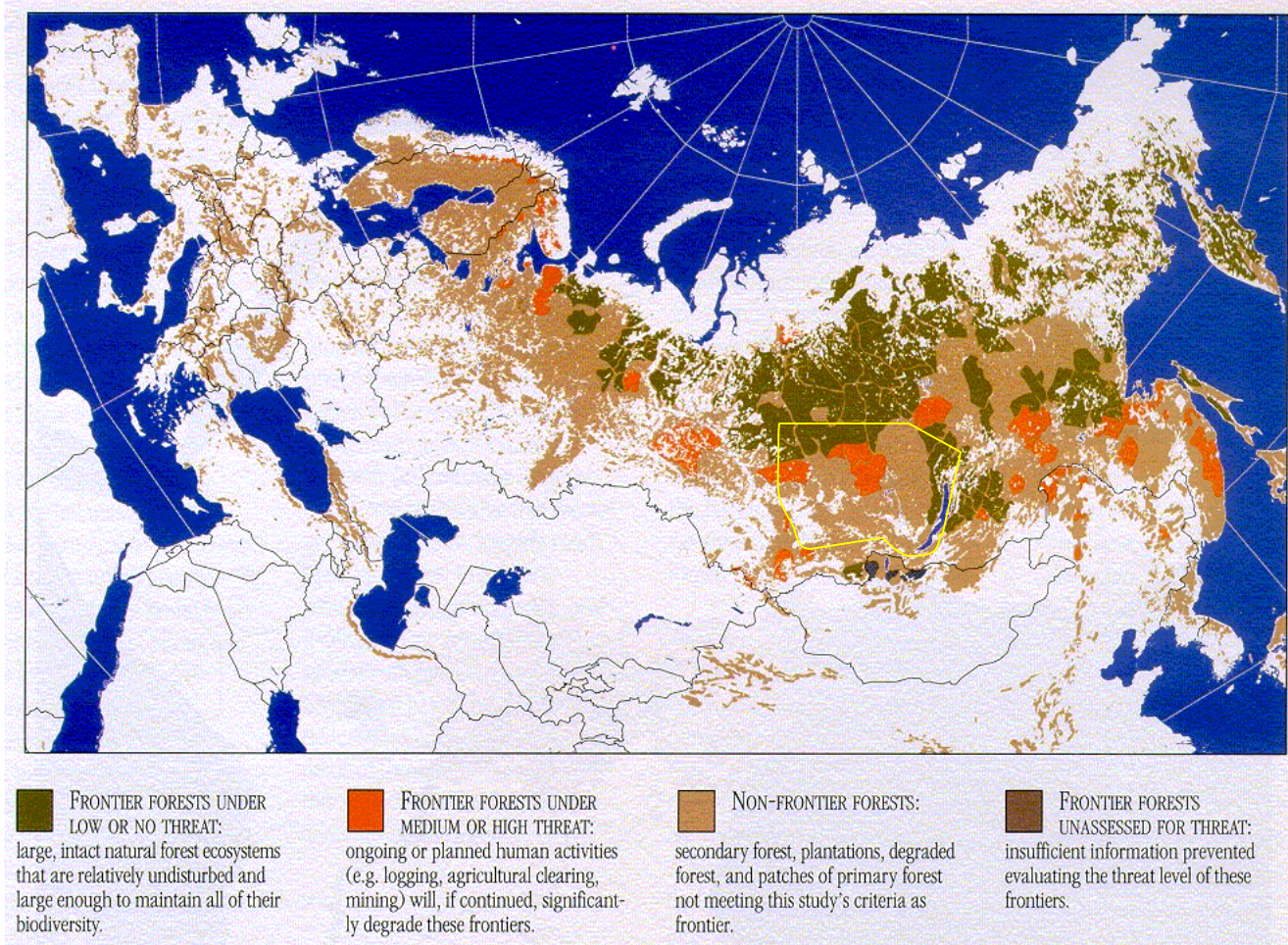3. **Better stratification of landscape (forest types/species)**

4. **Standardization of maps**
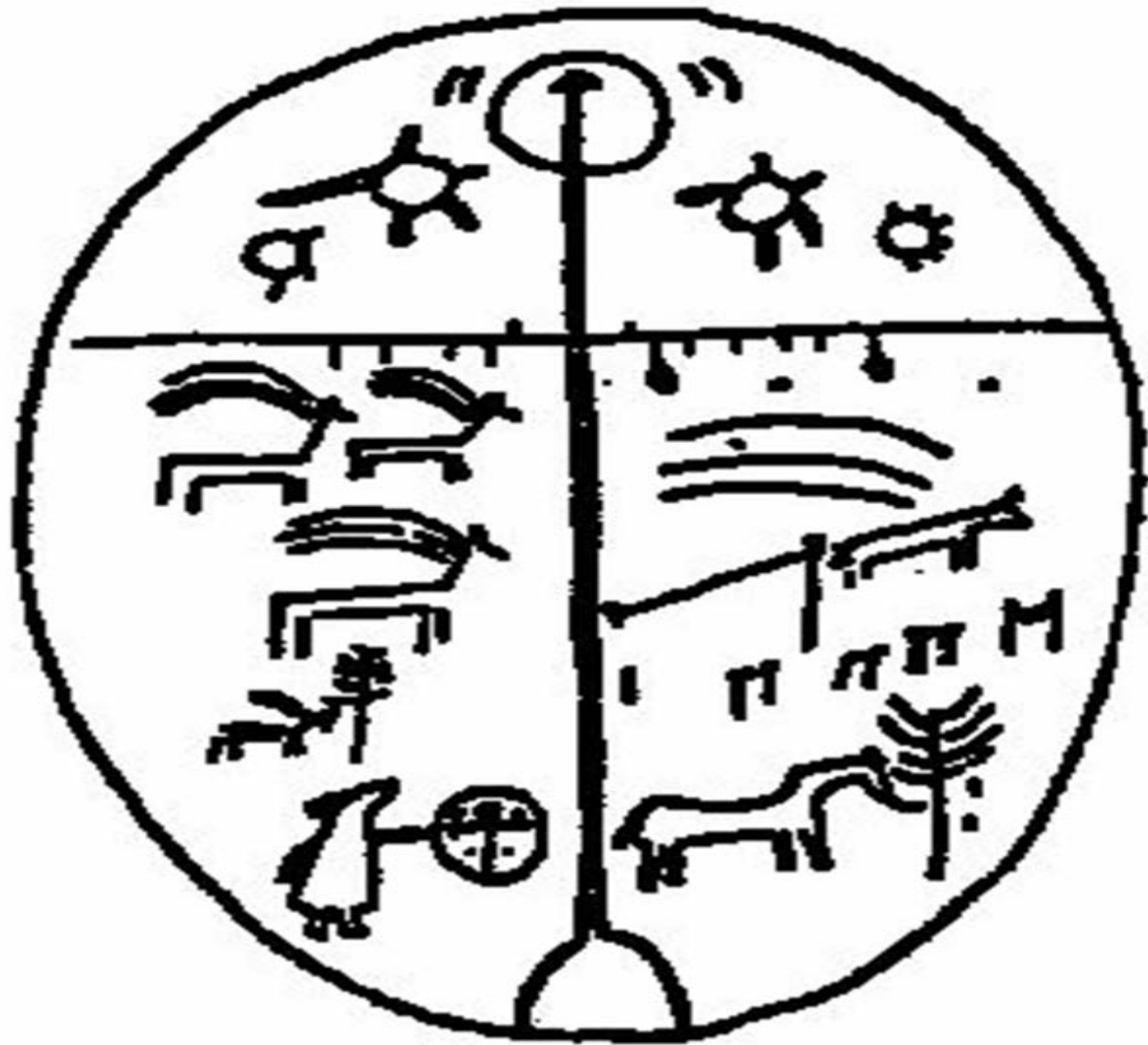
SIBERIA Field Trip 1999

Threatened frontier forests of Europe and Russia. Map published by World Resource Institute (1997).


FRONTIER FORESTS UNDER LOW OR NO THREAT: large, intact natural forest ecosystems that are relatively undisturbed and large enough to maintain all of their biodiversity.

FRONTIER FORESTS UNDER MEDIUM OR HIGH THREAT: ongoing or planned human activities (e.g. logging, agricultural clearing, mining) will, if continued, significantly degrade these frontiers.

NON-FRONTIER FORESTS: secondary forest, plantations, degraded forest, and patches of primary forest not meeting this study's criteria as frontier.

FRONTIER FORESTS UNASSESSED FOR THREAT: insufficient information prevented evaluating the threat level of these frontiers.

RGB Image Mosaic of ERS and JERS SAR Information
SIBERIA
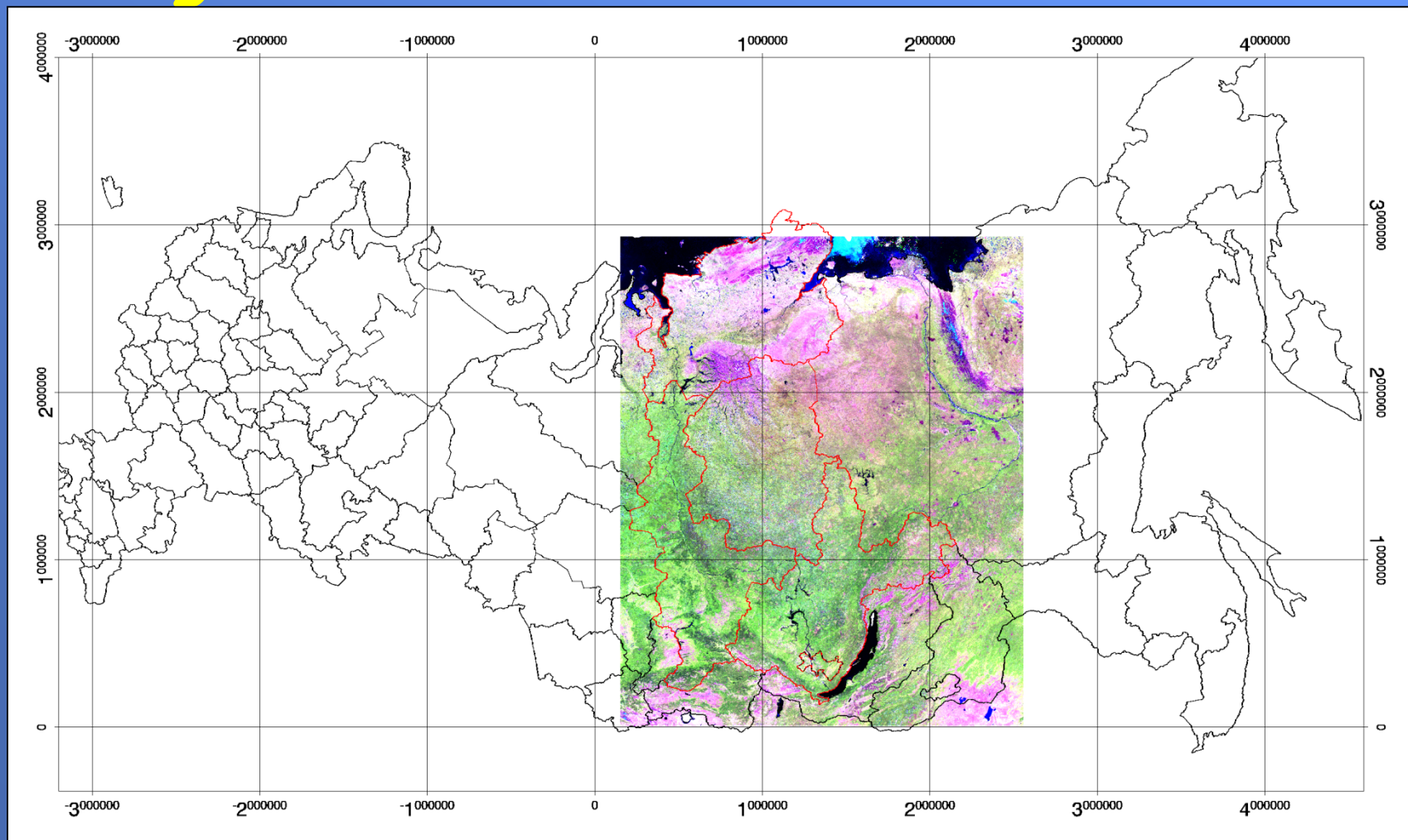### SAR Imaging for Boreal Ecology and Radar Interferometry Applications

RED = ERS Coherence
GREEN = JERS Intensity
BLUE = ERS Intensity

0   100   200   300   400
Kilometers
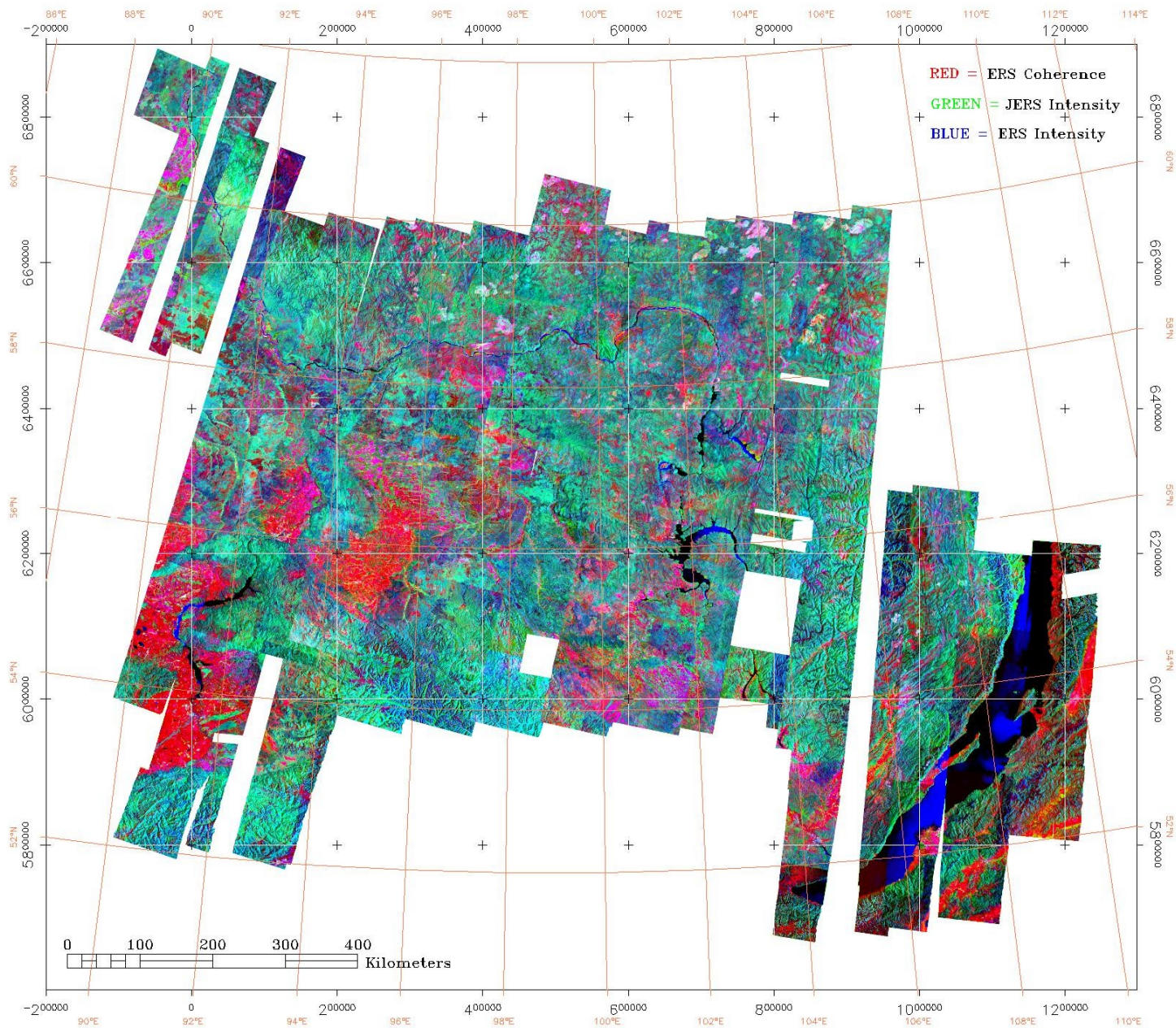
SIBERIA-II:
Multi-Sensor Concepts for Greenhouse Gas Accounting of Northern Eurasia
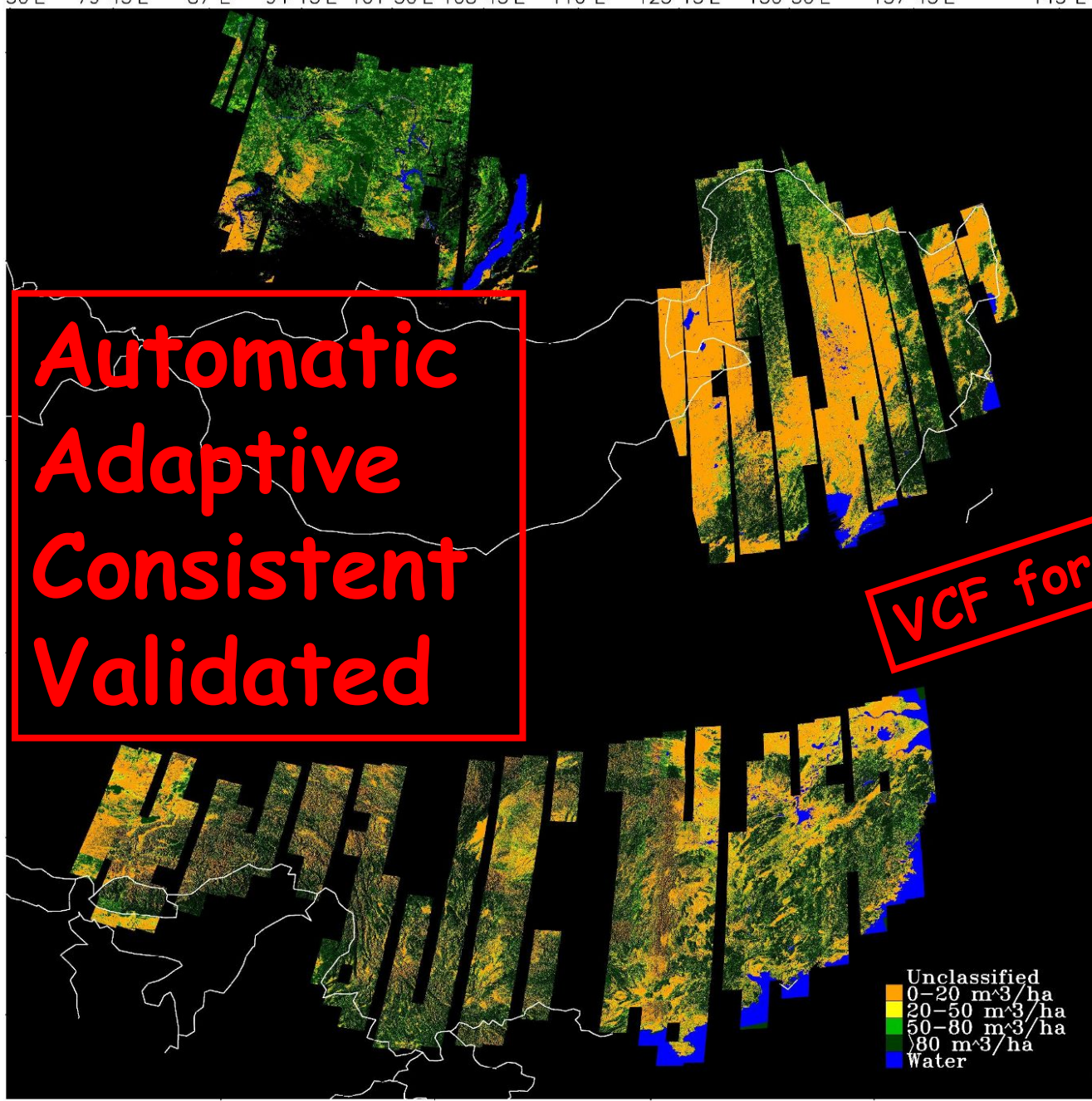
**Automatic
Adaptive
Consistent
Validated**

VCF for Retrieval

Unclassified
0–20 m^3/ha
20–50 m^3/ha
50–80 m^3/ha
>80 m^3/ha
Water
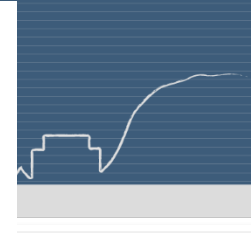
Milestones, Phase 3

MS No.	Milestone Title	Due Date		WP	Responsibillity
M12	Demonstration of global map and dissemination /1st version /	KO+27	31 March 2017 / 24 April 2017	6000	**Gamma** (CESBIO, MPI) ✔
M13	Regional Maps (2015) finalisation and dissemination	KO+29	15 August 2017	5000	**UoL**, IGIK, RSS, SLU, CESBIO ✔
M9(a)	Finalisation of Product Specification and Algorithm Design for Reference Map (2010) – global map	KO+30	30 September 2017	3000	**UoS**, (all Regional Partners, Gama, MPI)
M14	Validation of global map	KO+30	30 September 2017	7000	**WUR** (Gamma, all Regional Partners
M15	Regional Change Maps (2000/2005, 2010/2015) finalisation and dissemination	KO+33	30 September 2017	3000	**UoS**, (all Regional Partners)
M16	Final Report	KO+36	(one week before CFR in December)	10000	**Uni Jena** (all Partners)

GlobBiomass Management
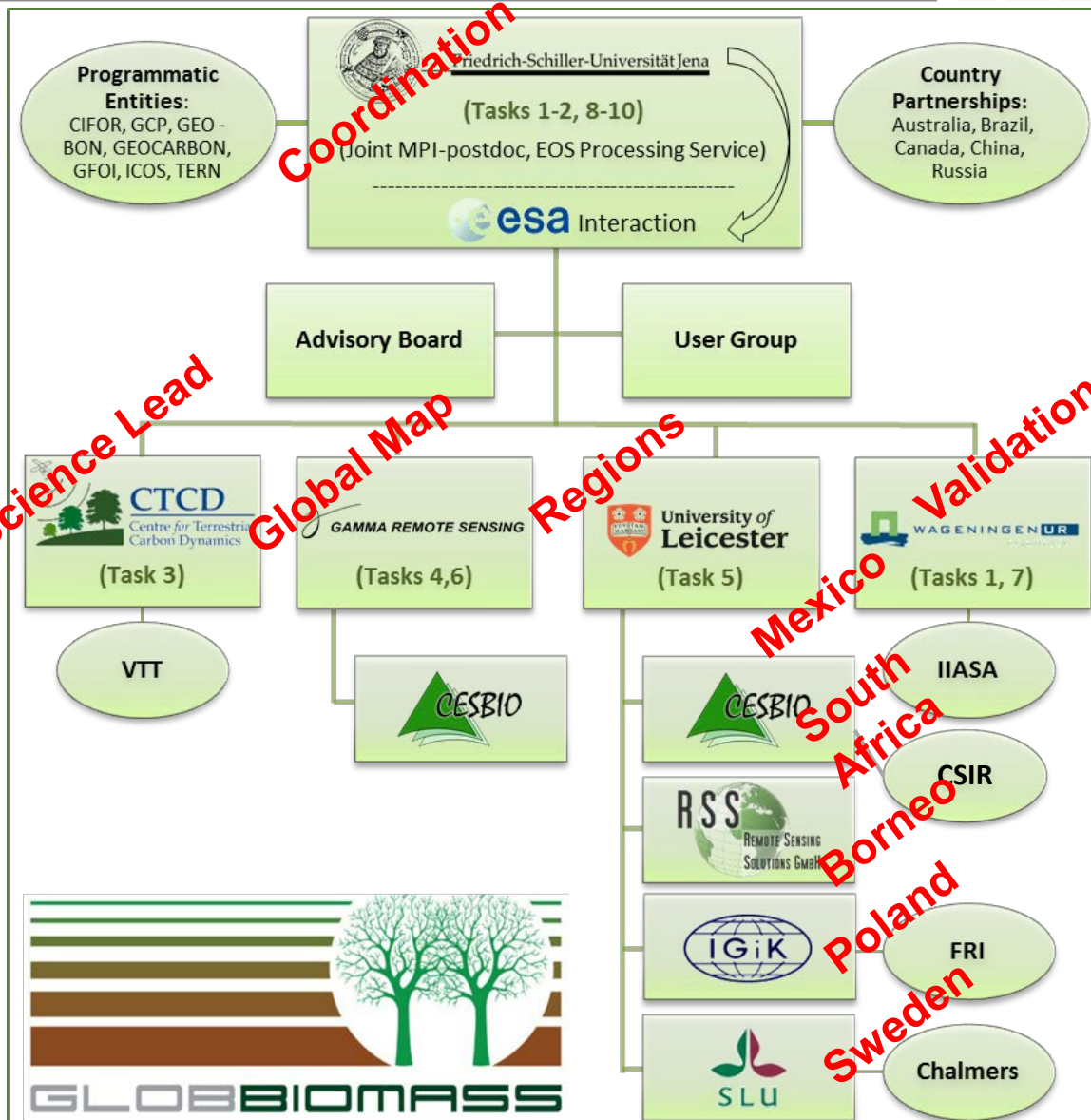
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User Group
CFS
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Inst.f. World
Forestry
IICT
JRC
Mondi
NCEO
SKMBT
WHRC
World Bank
ZEBRIS
Zurich Univ.
…