



ANRICA

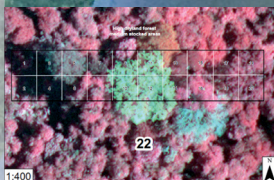
Austrian Natural Resources Management
and International Cooperation Agency

Cost-effective systems

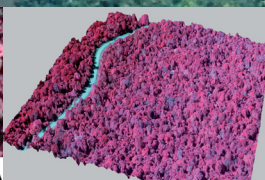
for multi-purpose national forest monitoring

**SIDE
EVENT**

Tuesday
12:45 - 14:15
Venue: 12B



1:400



Comprehensive

Accurate

Verifiable

Lunch and coffee will be served!



12:45 - 12:50 Welcome and Introduction **Markus Sommerauer**

- About ANRICA
- Objectives of the Side Event

12:50 – 13:05 Why do we need multipurpose national forest monitoring systems? **Michael Kleine**

- International reporting requirements
- Compensation schemes (e.g. REDD+, CDM etc.)
- National planning
- Solution: two-phase multipurpose NFI system (Remote sensing + terrestrial inventory)

13:05 – 13:25 NFI System Component I: Aerial Data Acquisition **Mathias Schardt**

- ADAM C flight platform
- Photogrammetry and LIDAR
- Sampling strips (flight lines)
- Aerial image parameters
- Correlation with field data (next presentation)

13:25 – 13:45 NFI System Component II: Terrestrial Inventory **Ambros Berger**

- Sampling design
- Developing aerial biomass models for application in two-phase inventory systems
- Efficiency (accuracy/number of plots)

13:45 – 14:00 Cost-effective NFI Implementation **Michael Kleine**

- Options (efficiency, cost-benefits)
- Flexibility
- Integration with other systems and information

14:00 – 14:15 Audience Q&A