



outline



- ARANGE – at a glance
 - Hintergrund & Ziele
 - Forschungsansatz
 - Produkte
- How to (...)?
 - das Consortium
 - das proposal
 - die Sache mit den SMEs...
- For what it's worth?



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„Technische Daten“



- **Total Cost:** 3,818,788.71 €
- **EC Contribution:** 2,991,077.00 €
- **Duration:** 36 months
- **Start Date:** 01/02/2012
- **Consortium:** 16 partner institutions (12 countries)
- **SMEs:** 4



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Idee & Vision

The ARANGE Project logo features a green mountain peak with the word "ARANGE" above it and "PROJECT" below it, with a small tree icon next to the "E".

- Analyse von **Potentialen und Limits** derzeitiger und alternativer zukünftiger Konzepte für die Bergwaldbewirtschaftung zur Bereitstellung von **Portfolios an Ökosystemleistungen** unter aktuellen und zukünftigen klimatischen und sozio-ökonomischen Bedingungen
- Identifizierung von **Risiken** und **Unsicherheiten**
- Transfer von wissenschaftlichem Know How zur Bereitstellung von Ökosystemleistungen aus Bergwäldern in **praktische Entscheidungsunterstützung** für **Policy Maker und Waldmanager**

At the bottom left is the European Union flag, and at the bottom right is the number 6.

Konzept



- **Die 4 wesentlichen Säulen von ARANGE sind:**
 - (1) 7 regionale Fallstudiengebiete
 - (2) starke Stakeholder Partizipation in allen Regionen,
 - (3) state-of-the-art Simulationsmodelle zur szenario-basierten Prognose der Waldentwicklung und Quantifizierung von Ökosystemleistungen
 - (4) innovative Instrumente zur Planung und Entscheidungsunterstützung

die 7 Fallstudiengebiete

- Repräsentieren die Vielfalt an ökologischen & sozio-ökonomischen Bedingungen in Europäischen Bergwäldern
- Stellen den Rahmen dar für vergleichende Analysen von Bewirtschaftungskonzepten, Policy Framework & Governance Systemen
- Bieten die Möglichkeit, spezifische Probleme und Lösungen zu demonstrieren

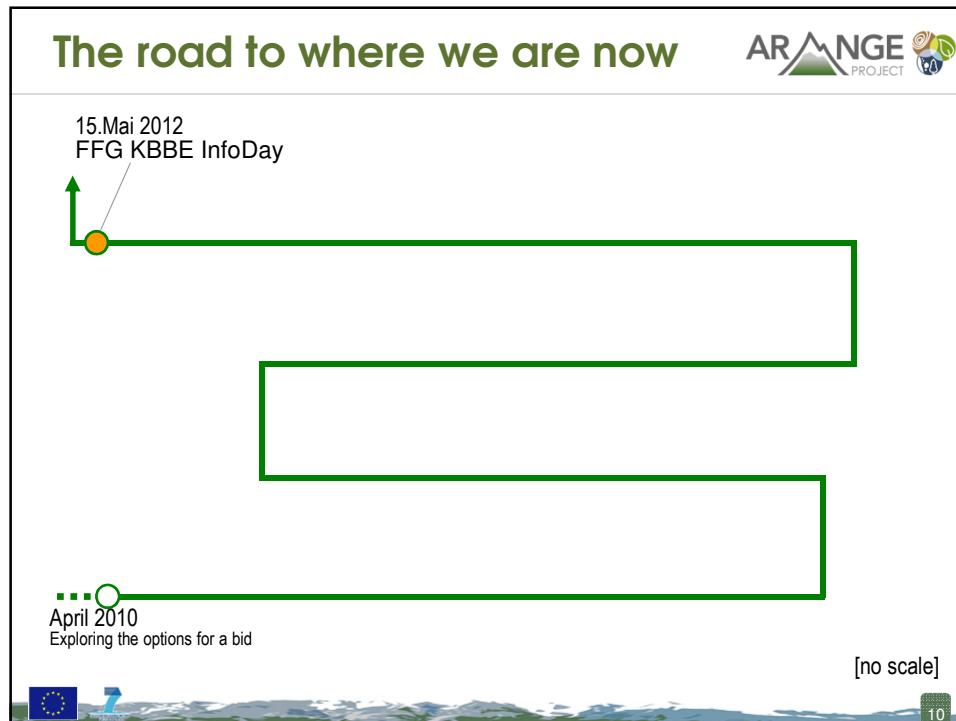
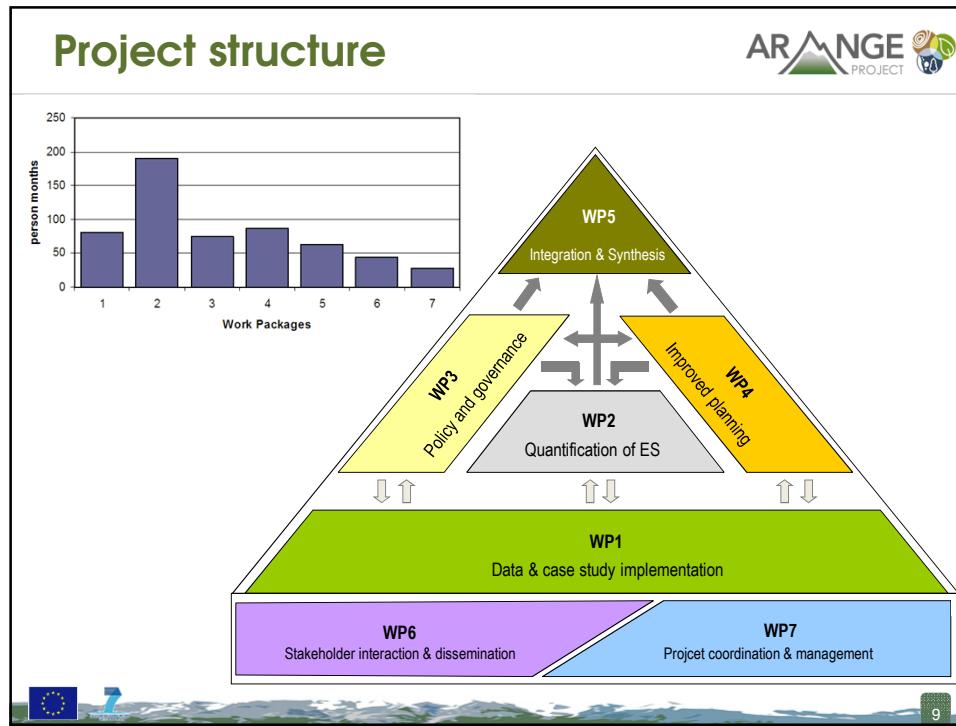


Fallstudienregionen

The collage includes images of the following regions:

- Rhodopen, BG
- Karpaten, SK
- Vilhelmina, SWE
- Dinariden, SLO
- Montafon, AUT
- Sierra Guadarama, ES

A central map of Europe highlights several mountain ranges: Scandinavian mountains, Eastern Alps, Carpathians, Rhodope Mountains, Dinaric Mountains, Western Alps, Iberian Mountains, and Montafon.



the call text...

new 16/04/09

AR^MGE PROJECT

KBBE_2011.1.2-07: Preserving the multifunctionality of European Mountain forests

Call: FP7-KBBE-2011-5

Besides producing economic goods (wood and non-wood products) and delivering important ecological services such as soil protection or protection against natural hazards (flooding, landslides, etc.), forests in Europe's high mountains store vast amounts of carbon in old trees, deadwood and soils. Mountain forests are especially sensitive to climate change and significant alterations in the potential distribution of species are projected for the future. Higher temperatures and changes in snowfall patterns will also make mountain forests more vulnerable to pests and diseases.

Under these increasing pressures, there is a need to assist mountain communities in managing adequately their forests to meet the various demands coming from economic activities (e.g. feeding sawmills and bio-energy), environmental protection (e.g. conservation of biodiversity and ecosystem services, protection against natural hazards) and preserving natural carbon stocks. The project will provide a set of advanced management tools, policy recommendations, guidelines and/or multi-criteria decision support systems specifically applicable to mountain forests in different regions in Europe. This includes modeling of forest stand development (stand dynamics with and without management activities), planning tools for forest treatment (including harvesting, reduction of potential negative impacts on soils and protective functions, choice of tree species for regeneration), suggestions for best management practices as well as proposals for adequate dissemination activities (e.g. core audiences, communication channels, key messages, exemplary training tool kits). Overall, this will help policy makers and forest managers to make the most appropriate choices when managing and further developing mountain forests in order to fulfil all socio-economic and environmental functions.

Funding scheme: Collaborative Project (small or medium-scale focused research project targeted to SMEs).

Additional eligibility criteria:

- The requested European Union contribution shall not exceed EUR 3 000 000.
- SME-targeted Collaborative Projects will only be selected for funding on the condition that the estimated EU contribution going to SME(s) is 15% or more of the total estimated EU contribution for the project as a whole. *This will be assessed at the end of the negotiation, before signature of the grant agreement. Proposals not fulfilling this criterion will not be funded.*

Expected impact: The project will contribute to the development of strategies to foster economic activities and employment in more marginal mountain regions (e.g. contributing to safer, faster and more economical harvesting methods under difficult circumstances like steep, uneven slopes) and to help preserve important environmental functions of European forests (e.g. halting loss of erosion, carbon sequestration). It will also contribute to the implementation of international and European commitments for the environment.

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5.Mai 2012
FFG KBBE InfoDay

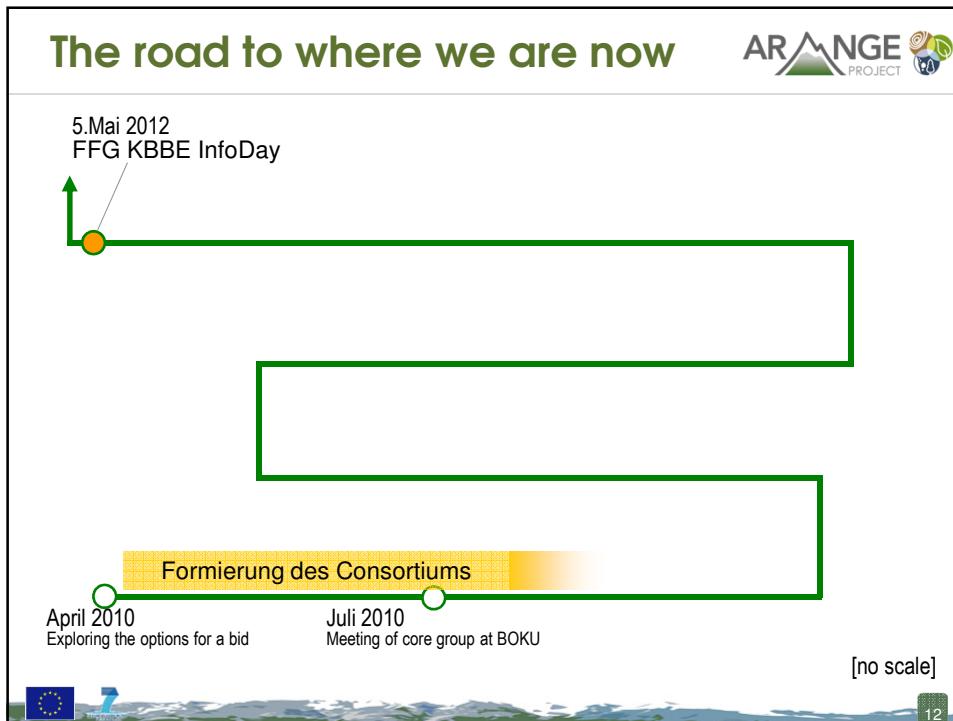
Formierung des Consortiums

April 2010
Exploring the options for a bid

Juli 2010
Meeting of core group at BOKU

[no scale]

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Formierung des Consortiums Prinzipien & Strategien



- **es gibt nur eine beschränkte Anzahl an Partnern**
- **Sie sollten Bescheid wissen (...)**
 - Wer sind die „key player“?
 - Wer sind die „guten“ Partner?
 - Kompetenz
 - Zuverlässigkeit
 - good vibrations
- **ohne Grundidee für das Proposal keine Consortiumsbildung**
- **Wer übernimmt die Koordination?**



SMEs....



- **Warum sollte ein SME mitwirken?**
 - persönliches Interesse der CEOs
 - Wettbewerbsvorteile in der eigenen Domain
 - Zugang zu neuestem KnowHow & tools
 - kein „Gewinn“ aus dem Projekt selber zu erwarten
 - Cost models (...)



das ARANGE Consortium



No.	Participant organisation name	Short name	country
1 *	Universität für Bodenkultur Wien	BOKU	Austria
2	Eidgenössische Technische Hochschule Zürich	ETHZ	Switzerland
3	Centre National du Machinisme Agricole, du Génie Rural, des Eaux et Forêts	CEMAGREF	France
4	Technische Universität München	TUM	Germany
5	Swedish Agricultural University	SLU	Sweden
6	University of Ljubljana	UL	Slovenia
7	National Forest Centre	NFC	Slovakia
8	Forest Research Institute	FRI-Sofia	Bulgaria
9	Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria	INIA	Spain
10	European Forest Institute	EFI	International
11	Universität Graz	UNIGRAZ	Austria
12 ^a	Institute of Forest Ecosystem Research	IFER	Czech Republic
13 ^a	GEO Experts Ltd.	GEO	Austria
14 ^a	Stichting BirdLife Europe	BLE	Netherlands
15 ^a	Aranzada GF	ARANZADA	Spain
16 ^a	RTD Services	RTDS	Austria

* coordinator
a SME

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The road to where we are now



5.Mai 2012
FFG KBBE InfoDay



April 2010
Exploring the options for a bid

Juli 2010
Meeting of core group at BOKU

15 Jänner 2011
proposal submitted

Schreiben des proposals

[no scale]



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das proposal

ARANGE

KBBE.2011.1.2-07: Preserving the multifunctionality of European Mountain forests

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ARANGE

KBBE.2011.1.2-07: Preserving the multifunctionality of European Mountain forests

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das proposal



The ARANGE project proposal document is structured into several sections:

- Work package number:** 6 (Strategic Information & Communication)
- Start date or duration:** 04/01/2011
- Activity type:** OTHER
- Participant number:** 1
- Participant short name:** BOKU
- Participants in per participant:** 1
- Participant number:** 1
- Participant short name:** BOKU
- Participants in per participant:** 1
- Partnership participation:** 4

Objectives:

The goals of this work package are the facilitation of stakeholder interactions in the case study regions through projects and the dissemination of new knowledge. To achieve these goals WPA will:

- involve stakeholders in activities related to the framework of forest management planning, which includes the involvement of local stakeholders within the frame of forest management planning (FMP) to guide the study design in the case study regions and to incorporate stakeholder needs in the development of the web-based Decision Support Tool.
- to identify and analyse stakeholder interests and experiences to code improved decision support in web-based Decision Support Tools.
- to disseminate gathered knowledge and findings from other WPs via a array of communication products including the web-based Decision Support Tool.
- to expand and broaden training activities to improve forest management planning within the project frame.

Description of work:

T4.1 Stakeholder interaction (lead: EP)
As a prerequisite for targeted knowledge generation and use, the project team will be involved in identifying local stakeholders and their interests and experiences within the four case study regions in EU as well as a group of non-EU stakeholder interaction will, i.e. (a) focus research efforts within ARANGE, b) help in mapping current management practices, (c) provide anthropological profiles for the areas under investigation, (d) help in developing recommendations emerging from the project.
Planning activities at all case study regions and stakeholder panels will be conducted in parallel resulting in a common understanding of the needs and requirements of the different stakeholders. These panels will include local users of forest ecosystem services, local forest managers, as well as policy makers and law enforcement representatives in line with national policies. For each case study region a panel of experts will be established, comprising of the case manager, researchers working on specific sub-topics, and other relevant experts. The panel of experts will be responsible for setting specific goals in an environment conducive to mutual learning and thus facilitate bridging gaps between academic discipline and between users of ARANGE output and researchers. Furthermore, a pool of three well formed experts will be established, comprising of one researcher and two practitioners from each case study region. The task force will coordinate activities across case studies and communicate findings of case study teams as well as the status of activities in other WPs within WPA relevant to data and information issues, and inform the development and implementation of the Decision Support Tool.

Deliverables:

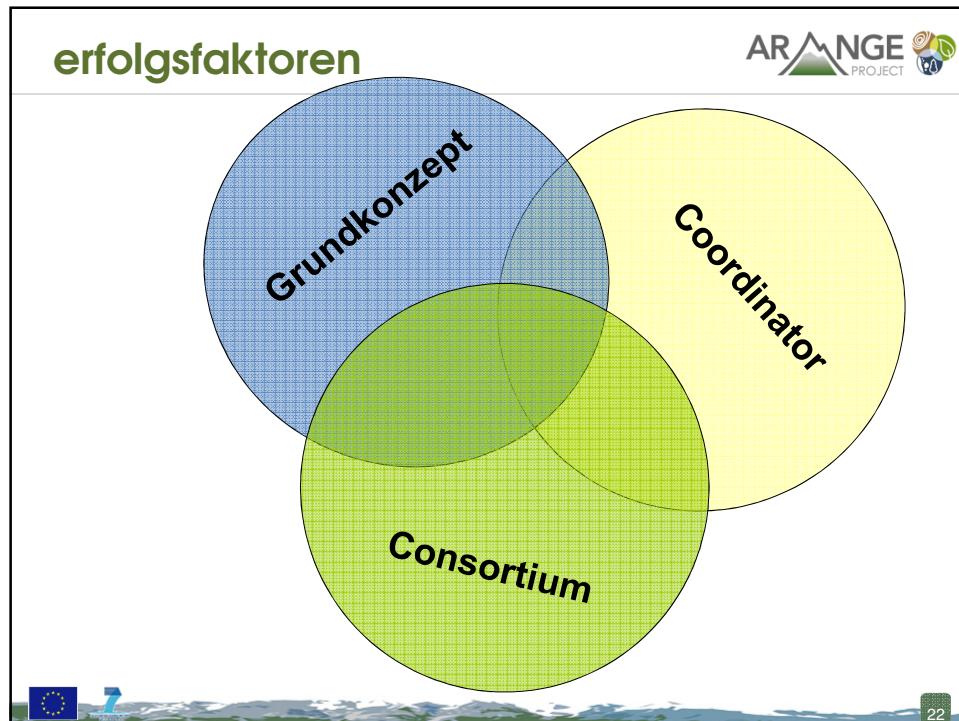
- D4.1 Stakeholder engagement plan (D4.1)
- D4.2 ARANGE publications (D4.2)
- D4.3 Stakeholder tool (D4.3)
- D4.4 Evaluation plan (D4.4)
- D4.5 Open management dialog conference on multifunctional mountain forestry (D4.5)
- D4.6 Compilation of training and educational material (D4.6)

das proposal



- Kerntext stammt von wenigen key partnern**
- (kleine) Beiträge von (fast) allen partnern**
 - responsibility & ownership
- die Hauptelemente des proposals**
 - Scientific & technical quality
 - eigene originale Ideen
 - Basis: SoA
 - Konsistenz und Essenz der Arbeitspakete!
 - Management
 - Standardtextbausteine
 - Formulierung sollte top sein
 - Impact
 - Sehr wichtig!!
 - kann ohne Vorlagen aufwendig werden (...)
- budget follows tasks!**





Happy projects!

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Advanced multifunctional forest management in European mountain ranges

16.5.2012