



**Final Workshop of the EU project SRCplus  
15 February 2017**

# SRC harvests and plantations in Achental, Germany

Dr. Christian Epp  
Biomass Trading Centre Achental



Co-funded by the Intelligent Energy Europe  
Programme of the European Union



## Structure of the Presentation

- Introduction of BAT in Achenal
- SRC Plantations
- Harvesting
- Lessons learned

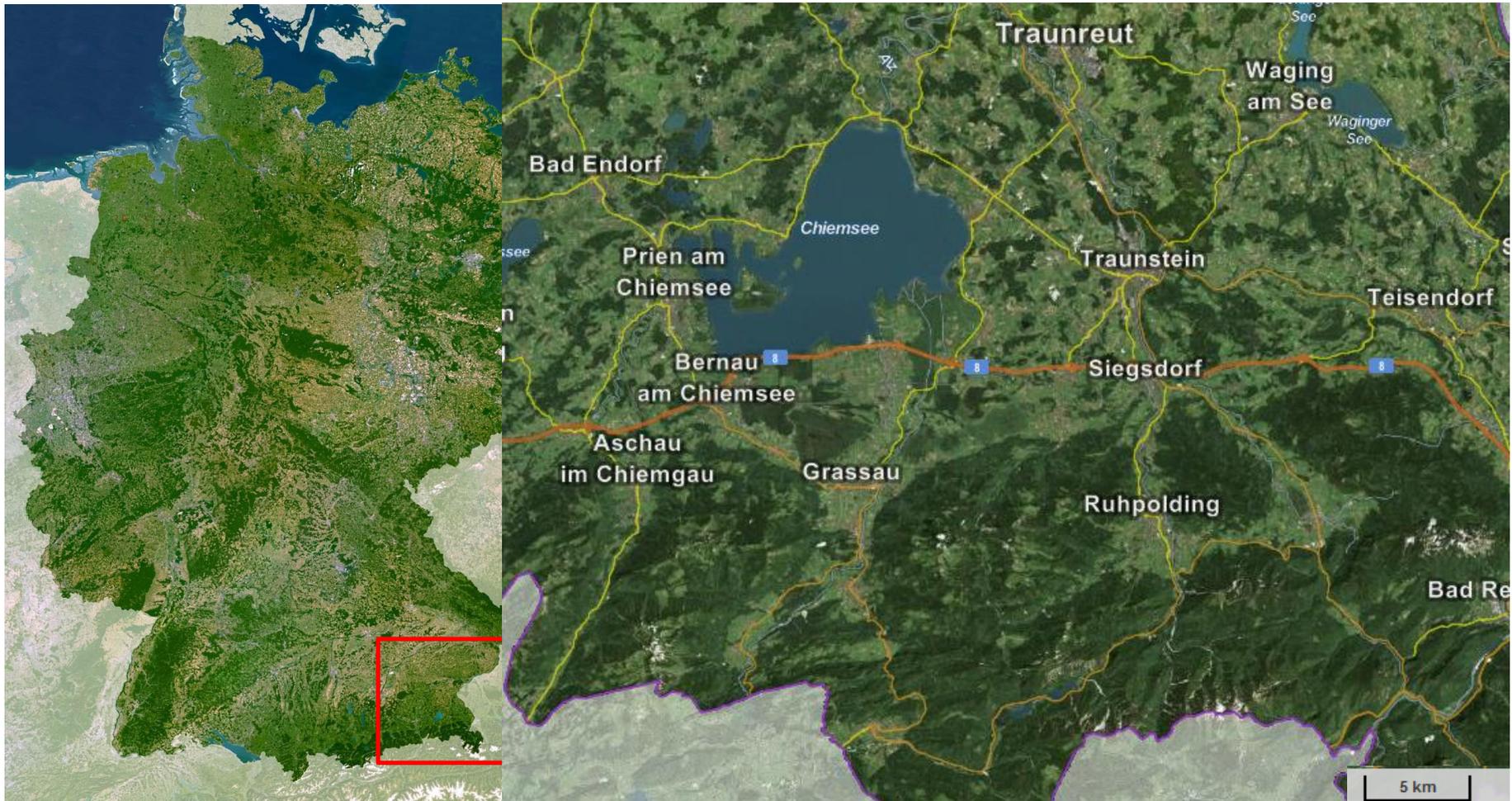


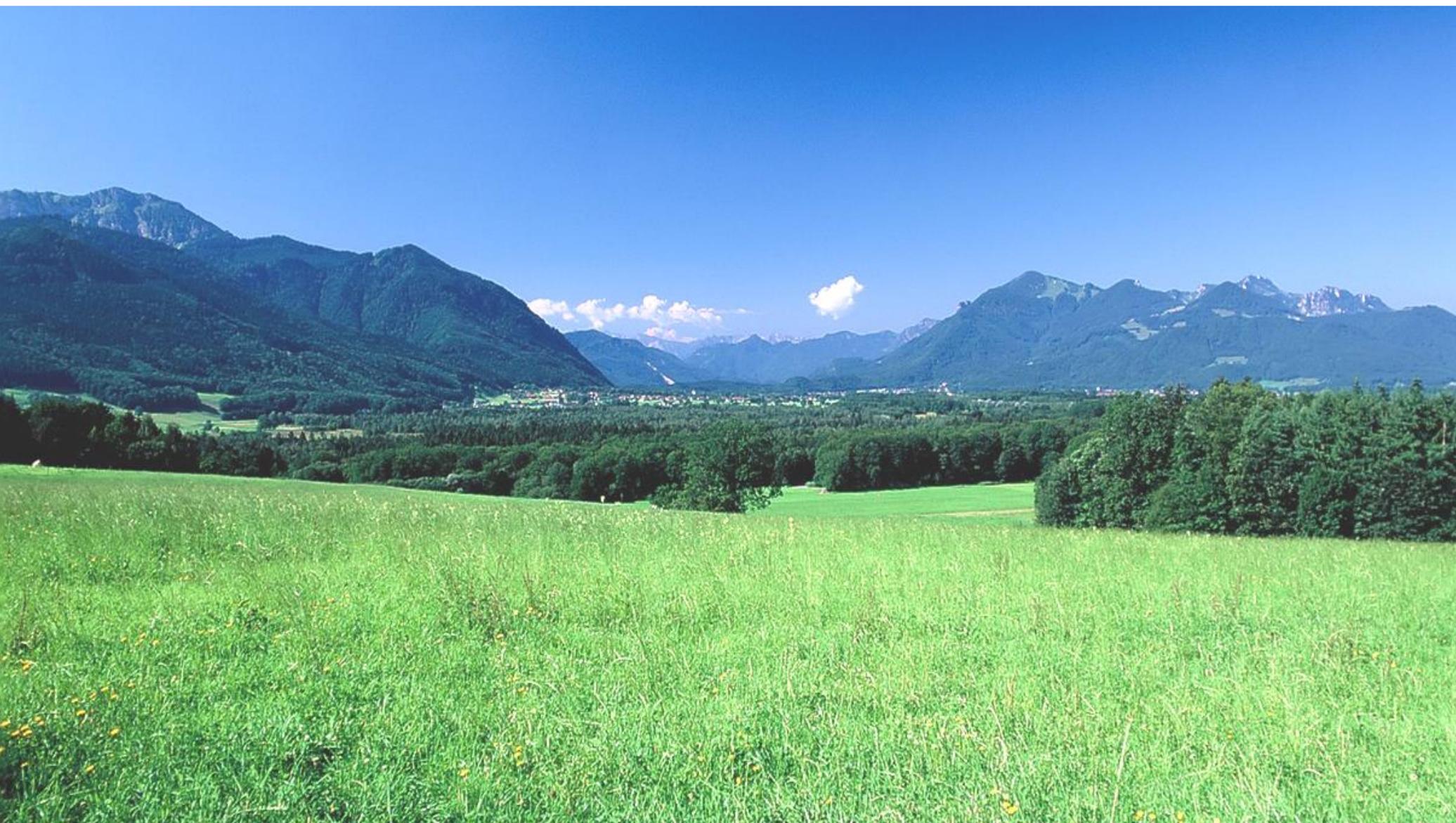
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# Achental – the valley of the river “Ache”







# BAT as wood-chip producer and biomass trader

- Regional biomass resources from log wood, forestry and gardening
- BAT organises chipping, drying and logistics
- Annual turn-over 48.000 m<sup>3</sup> (=35.000 MWh)
- Wood chips for premium and industrial purposes





# Quality requirements are essential

High quality wood chips



SRC wood chips



Forestry wood chips



squared

low

low

low

low

high

Particle size

Moisture content

Bark content

Content of fines

Content of impurities

Quality

Long and thin

high

high

high

high

low





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## BAT SRC plantation located in Übersee (lake Chiemsee)

Established: April

Former use: grassland (2 harvests per year)

About 24.000 seedlings

(Max 1, 3, 4)

Size: 3,5 ha





# Taking into consideration: Optimised planning is the key to success





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# Harvesting is challenging...

Harvesting has been done in the frame of a training event of SRC Plus.

BR Mediathek Video

Programm Sendungen A-Z Suche

**Pappel vom Acker**  
Energieholz mal anders

07.02.2016, 18:00 Uhr, BR Fernsehen  
5 Min.

★★★★☆ 4,43 bei 23 Bewertungen

> Zur Sendungshomepage

Empfehlen Info zum Video Sendezeiten Hilfe

f Facebook t Twitter g+ Google+ Einbetten Link kopieren Versenden

Mehr von Schwaben & Altbayern



<https://youtu.be/mMqOaZ-Mots>



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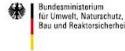


# BAT Approach: Sustainable SRCs in niche markets

- SRC should be designed in a way to serve double purposes.
- SRCs should meet high environmental standards
  - Choice of species  
(e.g. poplar, willow, grey/red alder)
  - Using hedges as border
  - Waiving herbicides
  - Harvest / Establishment in several stages
  - **Environmental standards are Expensive but open niche markets**

**Naturverträgliche Anlage und Bewirtschaftung von Kurzumtriebsplantagen (KUP)**

**Nachhaltige Kurzumtriebsplantagen**  
*Ein Handbuch*









# SRC for surface water protection

SRCs in the catchment of surface water have capacity to reduce nitrates





**Thanks to the EU, in particular to the EC  
& our project partners for their support!**



**Thank you for your attention!**