





# TTL-5-Years Anniversary – A Review

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# History of Interfaculty Cooperation

- 2002 a new instrument was introduced at TU Wien for Interfaculty Cooperation
  - To strengthen cooperation between faculties
    - In science system this kind of cooperation not too rewarding
  - so called bottom up approaches from groups to establish own research lines
    - Perhaps to develop in future





# TTL formed in 2004

- Landscape research combined with tourism
  - Rather old domain since 1970ies
  - In connection with development of mass tourism in Austria and elsewhere
- Technology
  - Seemed us not sufficiently considered
  - Particular challenges at TU Wien



# Preparation by International Conference in Nov. 2004



- In 2004 there was the first conference of TTL
  - Focus on winter tourism and snow and manifold of related problems
  - Aim was to establish something new
  - Groups that did not belong to each other should be connected in search for something new
  - [http://ttl.tuwien.ac.at/content/conference\\_vien\\_na2004.php](http://ttl.tuwien.ac.at/content/conference_vien_na2004.php)



# TTL was established in 2005

- Formally TTL was established in March 2005
- Phase 1 (2005, 2006)
  - Integration of members and potential members with their projects
  - EU INTAS project and others
  - Concrete talks what could be possible for project ideas
    - Many impossible and less impossible ideas



# TTL further developed by international project application



- Phase 2 (2007, 2008, 2009)
  - Trial to get own projects
    - Three times FP7 large integrated projects within Environment and Climate Change
      - SNOWFUTURE (failed)
      - SOGWAS (passed, but not high enough)
      - QUOWADIS (failed)
      - In this case great support from TU EU management unit and Siegfried Huemer
    - Bilateral projects
      - Russia (failed)
      - Japan (pending)





# As a bye-product new ideas

- Patent applications
  - Laser snow measurement device
    - Did not pass
  - Phenol shock treatment procedure
    - Did not pass
  - Dendrite generator
    - Passed and became patent in Sept. 2009
    - Was selected for PRIZE 2010
      - Innovation prize of Austrian Ministry of Environment
    - Great support from TU Technology transfer
      - Dr. Angelika Valenta



# Now TTL Phase III



- First project is there
  - Can we make more out of this?
  - Today there is presentation of dendrite generator





THANK YOU FOR YOUR ATTENTION!

