Joint Research Project
SCUDE
Taiwanese – Austrian Collaboration 2011 – 2014

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People & project details

Project duration: 3 years

Funding: NSC, FWF (~300,000 €)

Disciplines: Environ. Science
Waste Management
Civil Engineering
Industrial Ecology

Research Quality: Intern. Reviewers

Prof. Hwong-Weng MA
Prof. Yue-Hwa YU

Prof. Paul H. Brunner
Ulrich Kral

Merge of Research Strengths
SINKS AS CONSTRAINT FOR URBAN DEVELOPMENT
We need sinks …
... like anthropogenic sinks ...

- **Incinerators**
  - for organic substances

- **Underground Landfills**
  - for inorganic substances
... but Environmental Sinks are limited

Consequence: Resource Use is limited
1. Definition of sinks and final sinks on urban scale
2. Substances Flow Analysis
3. Risk Assessment & Anthropogenic/Geogenic Assessment
4. Recommendation to city authorities
Activities beyond SCUDE

• Cultural and Personal Exchange

• Collaboration in Academic Teaching

• Sink Conference in 2015
Thank you!
Welcome to
Vienna University of Technology