

### Greening the University

Student's name: \_\_\_\_\_  
 Date: \_\_\_\_\_

1997年12月15日 星期三 晴 12月15日 星期三 晴

### Agaveville

- **Task 1:** Identification of variables and effects
- **Task 2:** *How to design?*  
Design and conduct of a study to determine if
- **Task 3:** Interpreting evidence of effectiveness  
for individual interventions

500 Questions - Multiple Choice

<sup>1</sup> <http://www.chem.mcgill.ca/~mcohen>

For(2000) of (1944/1988)

- plant model and symbols
- knowledge product
- education institution
- learning and living space

the formal authority is granted to us?

[illegible]

### Students vs. Change Agents

**Beide Inzuchtlinien, welche sich durch**  
*selbstblühende, ungenutzte, un-*  
*veränderte Frucht*  
**Ausdrücke, welche, zusammenhängend,**  
*ist die Frucht,*

**Verbreitung der Frucht, welche in der**  
*Frucht der Frucht der Frucht der*  
*Frucht*

**Page & Number Change:**  
 10/20/14 10:00 AM 10/20/14 10:00 AM



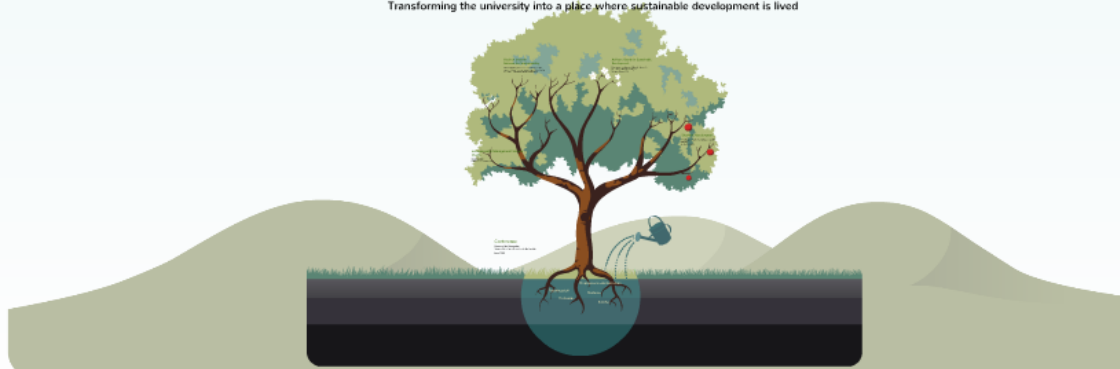
© 1999 by the American Psychological Association  
0893-3200/99/\$12.00 DOI: 10.1037/0893-3200.13.4.533

© 2004 Blackwell Publishing Ltd  
Journal of Internal Medicine 255: 103–110

## Greening the University

Integrating the concept of Sustainable Development into teaching and research  
Transforming the university into a place where sustainable development is lived

Transforming the university into a place where sustainable development is lived



**Fig. 2** **Featuring patterns** are combinations of available elements (see Fig. 1)

Fig. 2. Effect of temperature on the rate of polymerization.



Fluoride specially treats for your attention!

1999年 10月 10日

## Project Standards meeting 2011

- **Journal of Interpersonal Violence**
- **Journal of Interpersonal Violence**
- **Journal of Interpersonal Violence**
- **Journal of Interpersonal Violence**

## Project Standards meeting 2005

[illegible]

# Greening the University

Student-driven transformation towards sustainability at German universities

September 15th, 2015 | 32nd Cairo Climate Talks  
Johannes Geibel



# Agenda

- Part 1: Sustainability, universities and students
- Part 2: Yes we change -  
student initiative Greening the University e.V.
- Part 3: Fostering bottom-up transformation -  
the activities of netzwerk n

# Starting point - multiple crisis

- **Anthropocene:** climate change, biodiversity loss, soil degradation, over-acidification of the seas, social disparities, etc.
- **Transformation** of our society towards a sustainable development is urgently needed

# Functions of universities

- role model and beacon
- knowledge producer
- education institution
- learning and living space

# Are German universities as pioneers of SD?

## Management (EMAS):

- roughly 20 out 450 universities
- below average over different institutions

## Teaching (study programs):

- out of around 17000 study programs (HRK): > 1% with focus on SD
- around 2% with SD courses

## Research:

- 1/4 of public funded research institutions are contributing to key SD topics

# Students as Change Agents

**Booster:** innovativeness, creativity, motivation

**Lateral thinkers:** acting crossways to the institutional structures

**Authenticity:** unselfishly engagement brings a lot of credibility

**Political recognition:** youth regarded as key "Change Agents" (Global Action Program on ESD)

Part 2: Yes we change -  
bottom-up transformation at the  
University of Tübingen







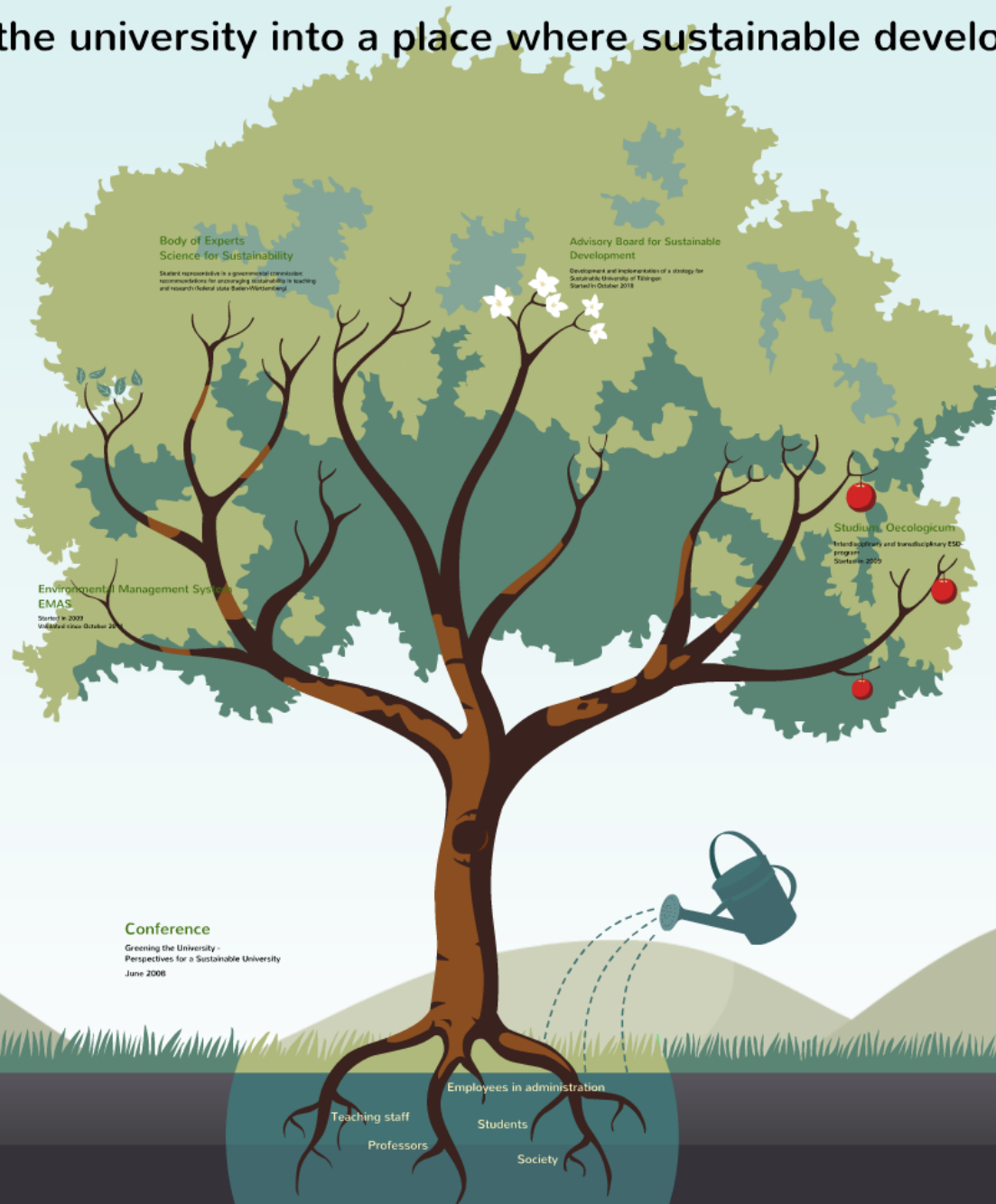


- Official Project of the UN-Decade Education for Sustainable Development
- Laureate of the 4th "Studentenwerk" Prize for Social Commitment
- Best-Practice of the "Hochschulrektorenkonferenz"
- Publications

# Greening the University

Integrating the concept of Sustainable Development into teaching and research

Transforming the university into a place where sustainable development is lived



- Official Project of the UN-Decade Education for Sustainable Development
- Laureate of the 4th "Studentenwerk" Prize for Social Commitment
- Best-Practice of the "Hochschulrektorenkonferenz"
- Publications

# Greening the University

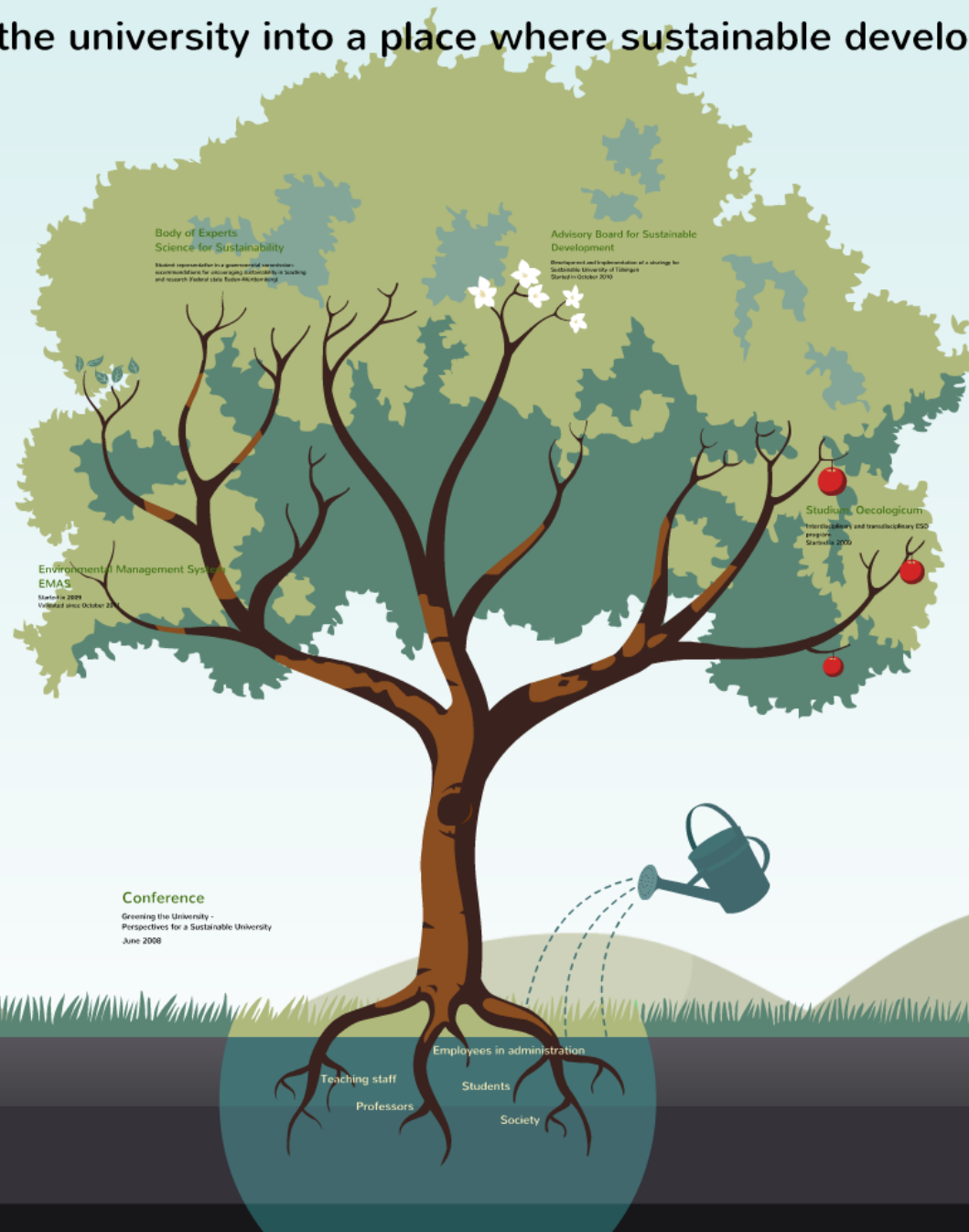
Integrating the concept of Sustainable Development into teaching and research  
Transforming the university into a place where sustainable development is lived



# Greening the University

Integrating the concept of Sustainable Development into teaching and research

Transforming the university into a place where sustainable development is lived





Employees in administration

Teaching staff

Students

Professors

Society

# Conference

**Greening the University -  
Perspectives for a Sustainable University**

**June 2008**



A stylized illustration of a tree with a dark brown trunk and branches. The foliage is represented by large, abstract shapes in shades of olive green and teal. The background is a light blue sky.

# Environmental Management System

## EMAS

Started in 2009

Validated since October 2011







# Studium Oecologicum

Interdisciplinary and transdisciplinary ESD-program



Started in 2009



# Advisory Board for Sustainable Development



Development and implementation of a strategy for  
Sustainable University of Tübingen  
Started in October 2010





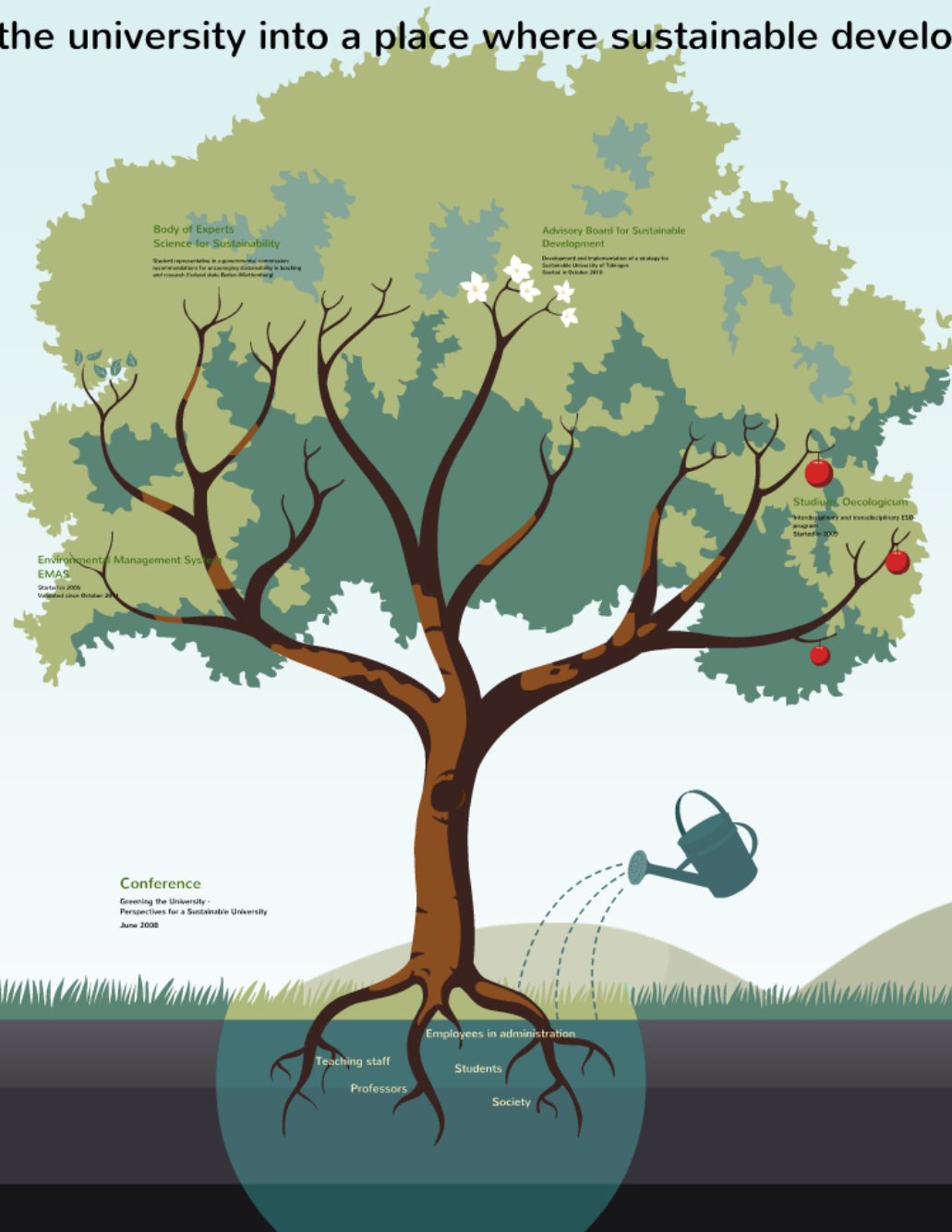
# Body of Experts Science for Sustainability

Student representative in a governmental commission:  
recommendations for encouraging sustainability in teaching  
and research (federal state Baden-Württemberg)

# Greening the University

Integrating the concept of Sustainable Development into teaching and research

Transforming the university into a place where sustainable development is lived



## Part 3: Fostering bottom-up transformation - the activities of netzwerk n e.V.



Bottom-up, whole-institution transformation towards SD of all universities across Germany through student-led initiatives

Exchanging knowledge and experience  
Increasing our transformative literacy

Shaping national  
educational and  
research policies

Information:  
Website,  
social media

Wander-  
coaching:  
Workshops,  
conferences

Interactive  
plattform

Position  
paper *For a  
science  
system in SD*

conference,  
workshops,  
rough  
papers

Thank you very much for your attention!

[www.netzwerk-n.org](http://www.netzwerk-n.org)

[www.plattform.netzwerk-n.org](http://www.plattform.netzwerk-n.org)

[johannes.geibel@netzwerk-n.org](mailto:johannes.geibel@netzwerk-n.org)

