



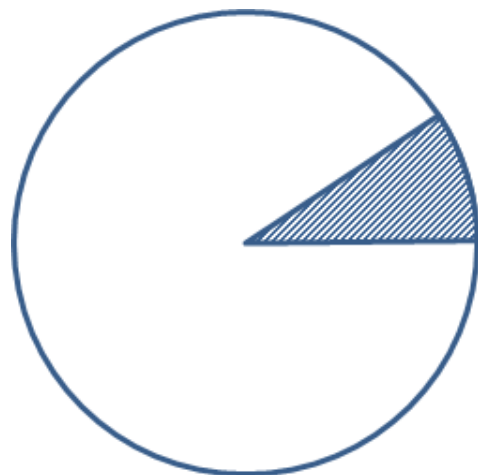
LCA Forum 62

# LCA AND DECISION MAKING: WHEN AND HOW TO USE CONSEQUENTIAL LCA

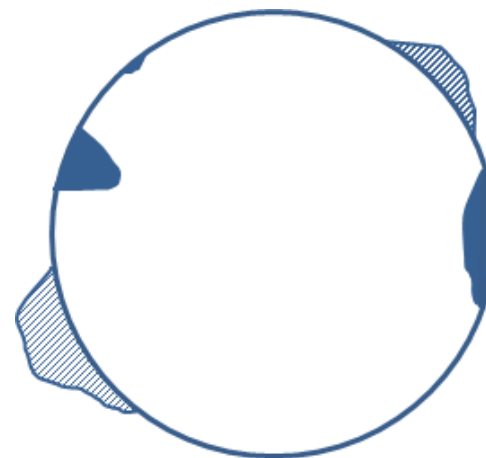
ETH Zürich, 09 September, 2016

„From a purely statistical viewpoint“, the poet said,  
„being a non-smoker I could smoke for about  
seven years longer than a smoker.“





attributional



consequential

# Your day today

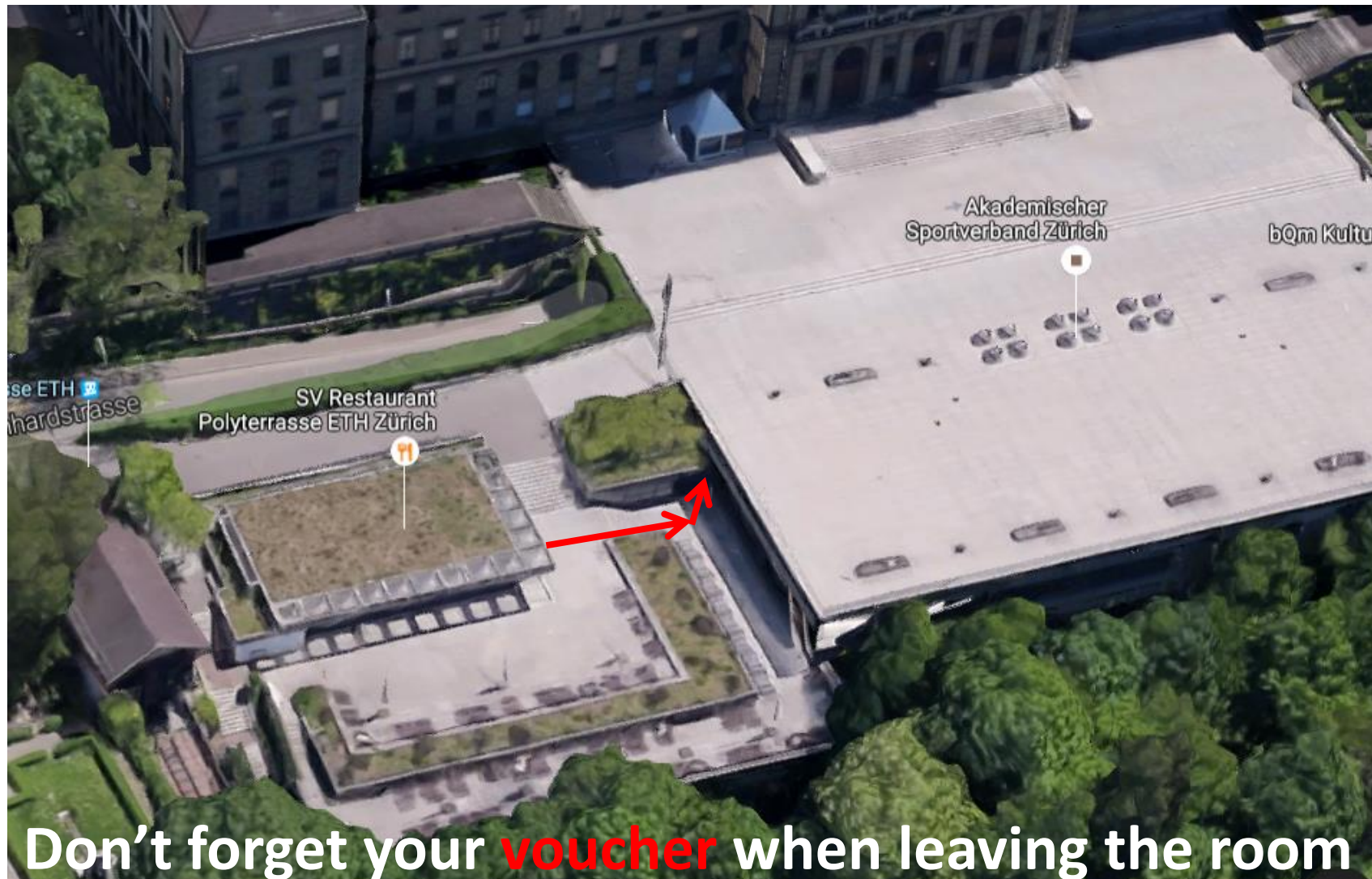
## **Morning**

- State of the Art, data and tools for consequential LCA
- Case studies, lessons learned

## **Afternoon**

- Case studies, lessons learned
- breakout groups:  
needs, applications, tools

# Lunch: where to go



# Breakout group 1 (Annika Messmer)

## Users/commissioners' view

- Motivation to commission consequential LCA (CLCA) studies?
- Questions to be answered by CLCA?
- In which sectors would you expect CLCAs to be performed?

# Breakout group 2 (Laura Tschümperlin)



## **Scientific view**

- How to practically identify marginal technologies?
- Establishing CLCA models: Trade-off between completeness and materiality?
- What are current research topics in CLCA?
- Expected improvements of CLCA models?

## Breakout group 3 (Rolf Frischknecht)

### Implementation

- Do we need IT solutions to foster CLCAs?
- Or do we need better sectoral information?
- Can software routines substitute market and economic knowledge?



# How can LCA support the Circular Economy?

**63<sup>rd</sup> LCA Discussion Forum**

**Wednesday, 30 November 2016, ETH  
Zürich, Alumni Pavillon**

**Contact:**

**Mélanie Haupt (ETH),  
Mischa Zschokke (Carbotech)**

# How



- ... can LCA support the creation of a Circular Economy?
- ... can LCA be used to ensure a positive balance of efforts and benefits?
- ... shall substituted materials and products be accounted for?
- ... can wastes and resources be managed to minimize their environmental impacts?
- ... can products be designed in an eco-friendly manner to close material cycles?

## Program:

**09:00 Circular Economy: Policy and Politics**

**10:40 Research – How can LCA support the Circular Economy?**

**13:40 Applying circular economy in practice – short presentations**

**15:30 Panel discussion or group discussions**



# 9. Ökobilanz-Plattform Landwirtschaft: Nachhaltigkeitsmanagement auf dem Landwirtschaftsbetrieb Von der Forschung in die Praxis

Mittwoch, 21. September 2016, Reckenholz, Zürich



**Anmeldeschluss:  
Montag, 14. September 2016**

- Was macht einen ökologisch erfolgreichen Betrieb aus?
- Milchproduktion im Berggebiet: lokale und globale Umweltwirkungen versus Arbeitslast und Ökonomie
- Partizipativer Ansatz: Landwirt und Forscher am gleichen Tisch für das Nachhaltigkeitsmanagement des Betriebs
- Web-basierte Kommunikation von betrieblichen Resultaten für Betriebsleiter
- Podium zu den Erfolgsfaktoren für das Nachhaltigkeitsmanagement

“The beauty of quitting [to smoke] is, now that I’ve quit, I can have one, cause I’ve quit”.

Tom Waits in “Coffee and Cigarettes” von Jim Jarmush





Enjoy the finale of  
the big European summer 2016

Thank you & farewell!