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What sustainability means to me

Green IT and Sustainable Computing

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Introduction

- Limited resources.
- Preserve for future generations.
- How many planets do we need?
WWF 2013: 1,5 planets
- Efficiency is not always mean sustainable
- What is our role?



Our role, society.

- How our consumption affects sustainability
- How are we bind to technology?
Examples as electricity failure can notice us in what world we live.
- ICTs and industry would have to provide information



Economy



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- Global economy
 - ITCs as a key part
 - ITCs have their own **footprint**
 - More contacts not always mean less **transport**
- Energy
 - Main resource
 - ITCs and consumption
 - Efficiency
- Standard measures do not focus on sustainability, healthy or social comfort.

Challenges

- Many in ITCs field
 - Improve efficiency
 - Transport
 - Energy
 - Feedback about consumption
 - Wastes and footprint
- Consume
 - How can we balance globalization?
 - Local products?
 - Meat footprint
 - Developing countries with our consume habits



Conclusions



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- If we want a more sustainability world we have to involve ourselves and we have to change our consume habits not only with restriction and laws.
- ITCs have to play an important role.
- Solutions in sustainability does not work as we can predict. We have to be awareness about efficiency with the same consume habits it is not always sustainability
- Society, companies and politicians should side with sustainability

And finally I wonder if we are too late. But as a society we cannot give up and we have to improve sustainability.



Exam questions

Exam questions



- Define sustainability in your own words.
I think this is a basic question about the course and you have to use your ideas to develop the answer.
- What do you think about your environmental footprint?
There are several topics but our role is probably the most useful way to be awareness and you will be able to understand others topics.
- What is the role of ITCs?
As the course is oriented to computer world. It is important to understand the relation among new technologies and sustainability.
- Explain what factors are involved in sustainability
This question I think it is important in order to analyze the whole course.



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