



#### The Green Practitioner

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# Big Data and Green Clouds

BigData infrastructures and Clouds will require novel methods to achieve energy efficiency.

• Best practices for green ICT are often applied in house and not shared. How can the community learn?

Our goal:

• Practitioners (i.e. agents) can browse a number of Green ICT solutions and calculate their estimated impact if applied to their organization, through customized parameters







## Practices and practitioners

Green ICT practice: a method of making a process more environmentally sustainable within an ICT context.

A library of practices was available from a previous study: <u>http://greenpractice.few.vu.nl/</u>

- Economic focus,
- technology focus,
- Behavioural focus
- Organizational focus

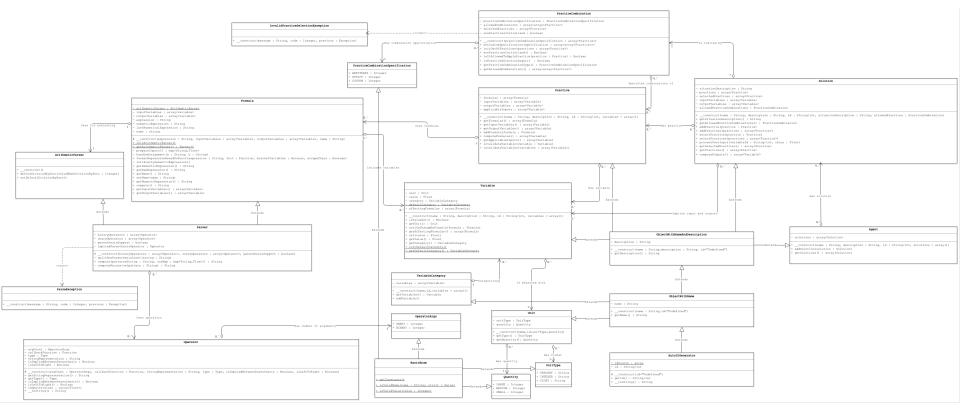
What is interesting for whom? What is suitable for what?







### Model



Universiteit van Amsterdam

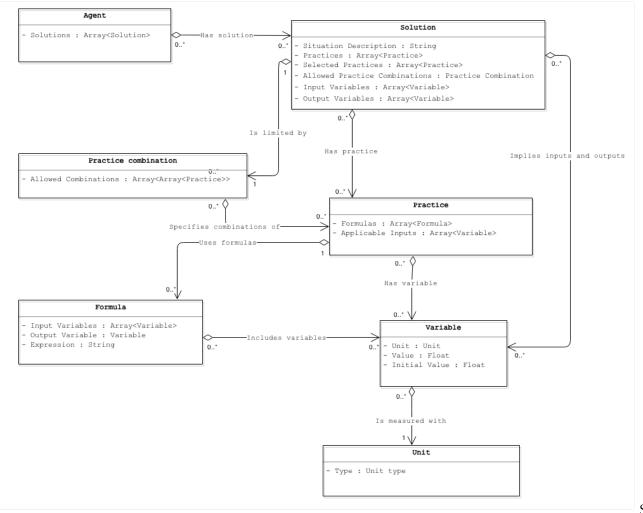




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### Zoom in



System and Network Engineering





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#### **Try Out Going Green**

You can reduce the environmental impacts of your ICT operations. Find out how much by running simulations based on research from two universities in Amsterdam





