Digital Learning

Methodological reflections
Academia … how this would look like today?
Drones vs. teachers
Dimensions of learning

**Lifelong**
*Vertical dimension*

**Lifewide**
*Horizontal dimension*

**Lifedeep**
*Transformative dimension*
Reflections on learning

Holistic approach  
*Mounier*

Future of education  
*Morin*

Knowledge building  
*Scardamalia, Bereiter*
Toward a network model

Learning is

**Ability to learn** is more important than what you know

**Exclusion** and **Relevance** become key

**Network** creating process

Learning happens through **aggregation** of (different) visions

Learning starts by making **connections** rather than by content

Siemens
How to ensure a Personal Learning Environment?

- Aggregating
- Knowledge pull
- Social bookmarking
- Annotating

- Creating content
- Reflecting
- Commenting
- Sharing

- Social networking
- Professional networking
- Connecting

- Co-creating
- Collaborative working

...
Let’s now hear from Norbert
Now back to Stefano
Early 90s
Managing a Digital Learning Process

- Moodle
- Tools for interacting and collaborating (forum, wiki, etc)
- Synchronous meetings
- Videolessons
- Courseware
- Forum discussion threads
- Monitoring actions
- Self-assessment, formative/summative, peer assessment
- Project Work (individual/group)
- Use of ICT, webtools, etc.
- Helpdesk
- Final exams (face-to-face/distance)
**Energia 100% verde**

Enegan da sempre è impegnata a fornire energia verde al 100%, generata da fonti rinnovabili e certificata tramite la Garanzia di Origine (GO).
Challenges

- **Heterogeneity**: characteristics, needs, willingness to learn

- **Drop out**: significant turnover

- **Management**: training (classroom face-to-face, online, coaching, ...) processes (business structure, business functions)
Simple is cool
Easy access to courseware

Video T4T

Introduzione ai LED

Salve sono Fulgido !!!
Monitoring
## Competence based approach

### Energy Account - primo livello

<table>
<thead>
<tr>
<th>Competenze non raggiunte</th>
<th>Competenze raggiunte</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>16/28</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Competenza</th>
<th>Valutazione</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conoscere il libero mercato dell'energia elettrica e del gas</td>
<td>Non valutato</td>
</tr>
<tr>
<td>Energia 1.1</td>
<td>Esperto</td>
</tr>
<tr>
<td>Mercato libero dell'energia 1.2</td>
<td>Esperto</td>
</tr>
<tr>
<td>Servizi di maggior tutela 1.3</td>
<td>Esperto</td>
</tr>
<tr>
<td>Servizio salvaguardia 1.4</td>
<td>Esperto</td>
</tr>
<tr>
<td>Potenza impegnata 1.5</td>
<td>Esperto</td>
</tr>
</tbody>
</table>
What’s your secret recipe?

- Spaghetti
- Aglio
- Acciughe
- Pangrattato
- Pomodorini
- Olio