

What makes a PhD candidate special for us?

NTNU Alumni PhD Conference, March 2017

Digitalization



MindSphere



Electrification

Who works in Siemens and what do they do?

BSc

MSc

PhD

Sales

- technical sales
- commercial issues

Engineering

- delivery projects
- drawings
- documentation

Service

- maintenance
- fault correction

Management

- people and business

Project management

- commercial delivery projects
- R&D projects

Development

- new technology
- improvements

Valuable PhD competencies

- Handle complex problems
- Define the problem description from an unclear starting point
- Learn new things (fairly easily)
- Drag oneself by the hair. Motivate oneself and create progress.
- The technical topic one has been working on during the PhD period
 - Far from all the PhD candidates continue working with the topic they worked on during their PhD



What will a PhD face in the industry?

- A much faster pace
- True multidisciplinary work in teams
- The necessity to make decisions without the full picture/background
- The necessity to deliver, and on time
- Business perspective – on everything

