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Ganzheitliche Qualifizierung für Smart Energy

06. Juni 2012

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SPE
Siemens Professional Education

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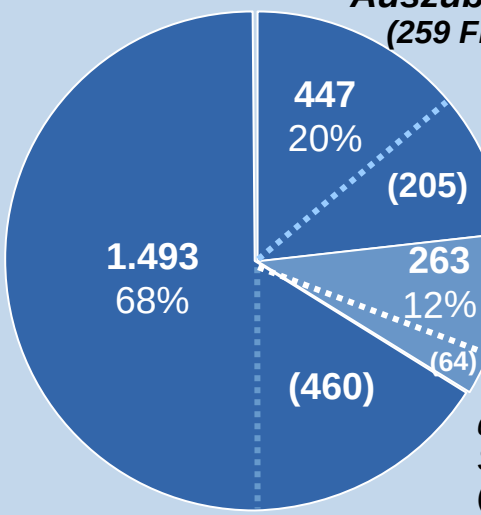
Ausbildungskosten Deutschland: 177' € p. a.

2.203 Einstellungen in 2011



Kaufmännische Auszubildende
(259 Frauen)

darin duale Studiengänge (114 Frauen)

Schüler an der Siemens Technik Akademie
(36 Frauen)

darin duale Studiengänge (4 Frauen)

Technische Auszubildende,
(143 Frauen)

darin duale Studiengänge, (66 Frauen)

Bestand (30.09.2011): 7.040

Technische Berufe	**5.410** darin 450 Frauen
Kaufmännische Berufe	**1.080** darin 680 Frauen
Siemens Technik Akademie	**550** darin 70 Frauen

Ausbildung für Externe

Auszubildende über Unternehmer-verbände	**90**
Externe Auszubildende	**2.500**

Das Projekt “Smart Grid @ SPE” hat zum Ziel ein ganzheitliches Ausbildungskonzept zu entwickeln

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Smart Grid Showroom

- Energy Generation
- Transmission and Distribution
- Smart Grid Control
- Building Automation
- eMobility Infrastructure
- Electric Vehicle
- Business Opportunities

Siemens Strategy

Technologies

Smart Grid

Flexible, reliable & secure power supply

Standards

Market Activities

Competencies

Smart Grid Competency fields

- ICT
- Power-Electronics
- Electrical Engineering
- Mechanical Engineering
- Materials
- Innovation Management
- ...

Smart Grid Education Concept

Comprehensive Competency Development with System Approach

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Energy Generation

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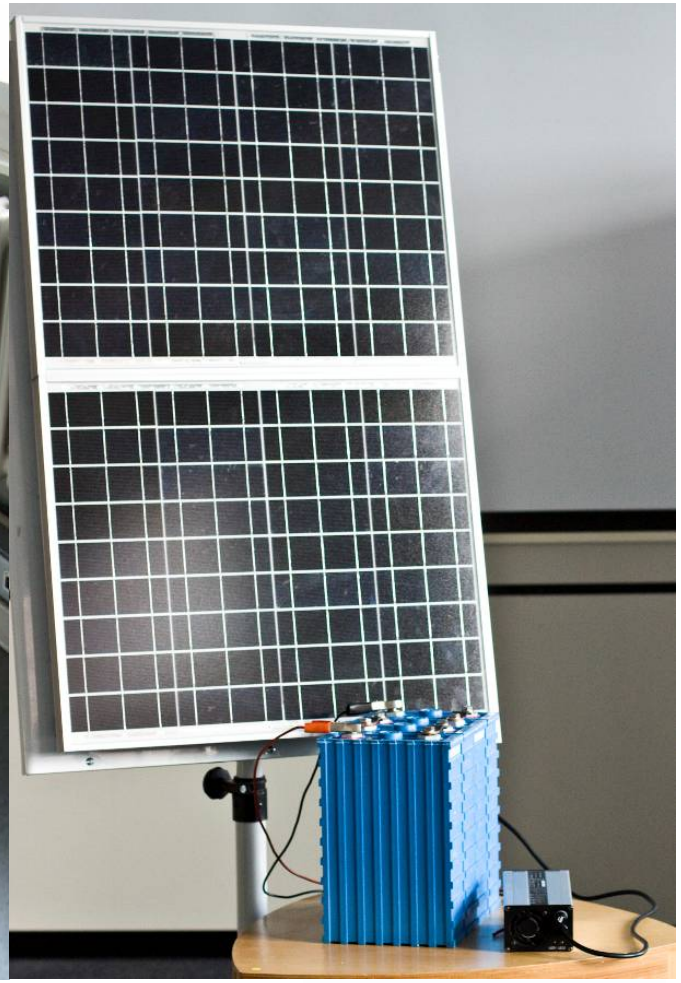

Smart Grid Control

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Building Automation

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- **Building Automation**
- eMobility Infrastructure
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eMobility Infrastructure

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Smart Grid Showroom

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Electric Vehicle

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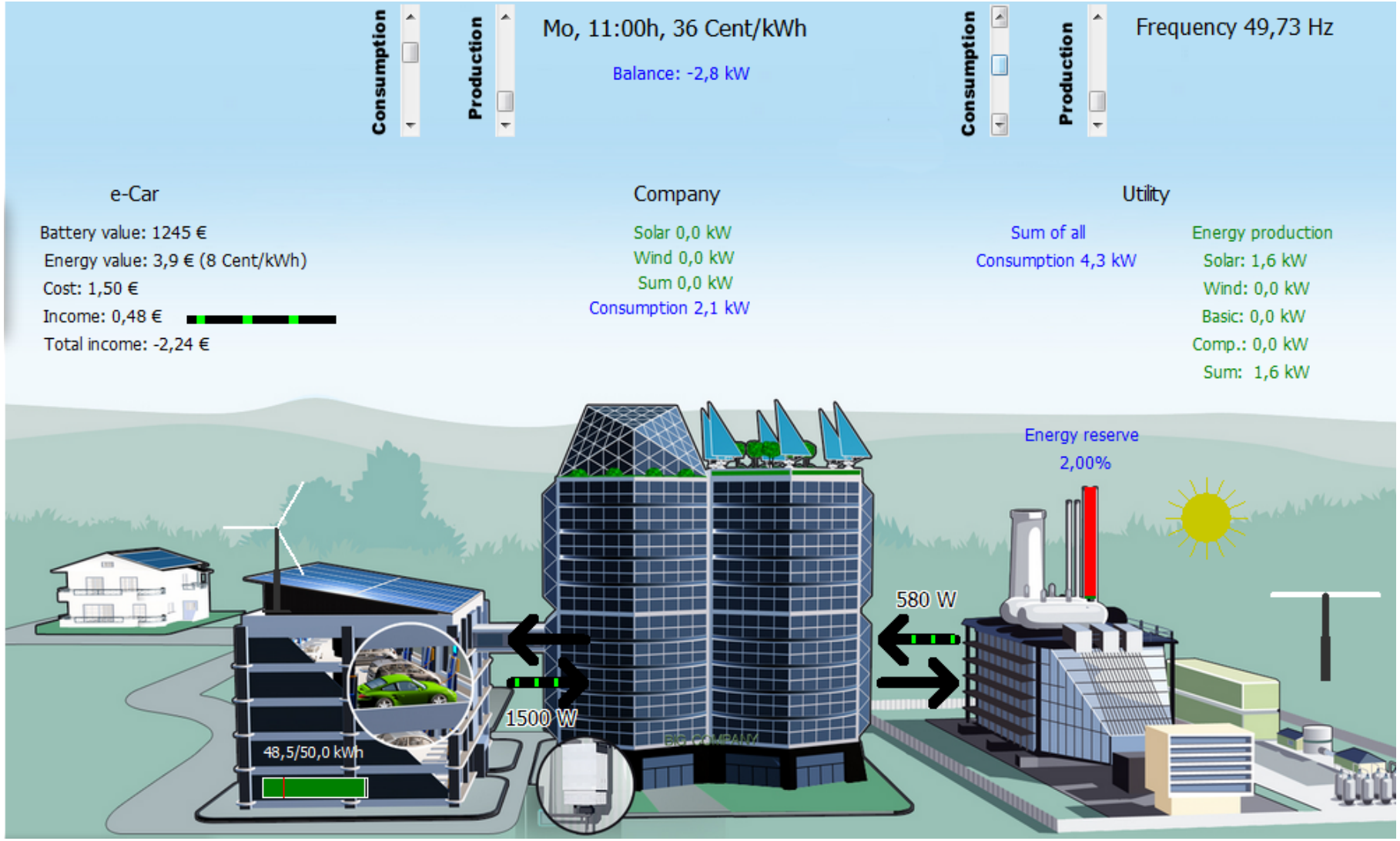
Transmission and Distribution



Business Opportunities

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Smart Grid Showroom

- Energy Generation
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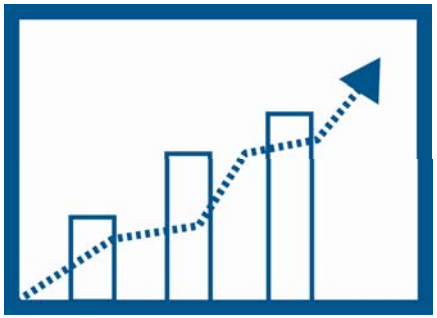
- Business Opportunities

- Socio Economic Trends
- Future Scenarios for Smart Grid
- Technologies and Standards
- Mobility Concepts
- Business Modelling Methods



Show Room SmartGrid: Technische Umsetzung

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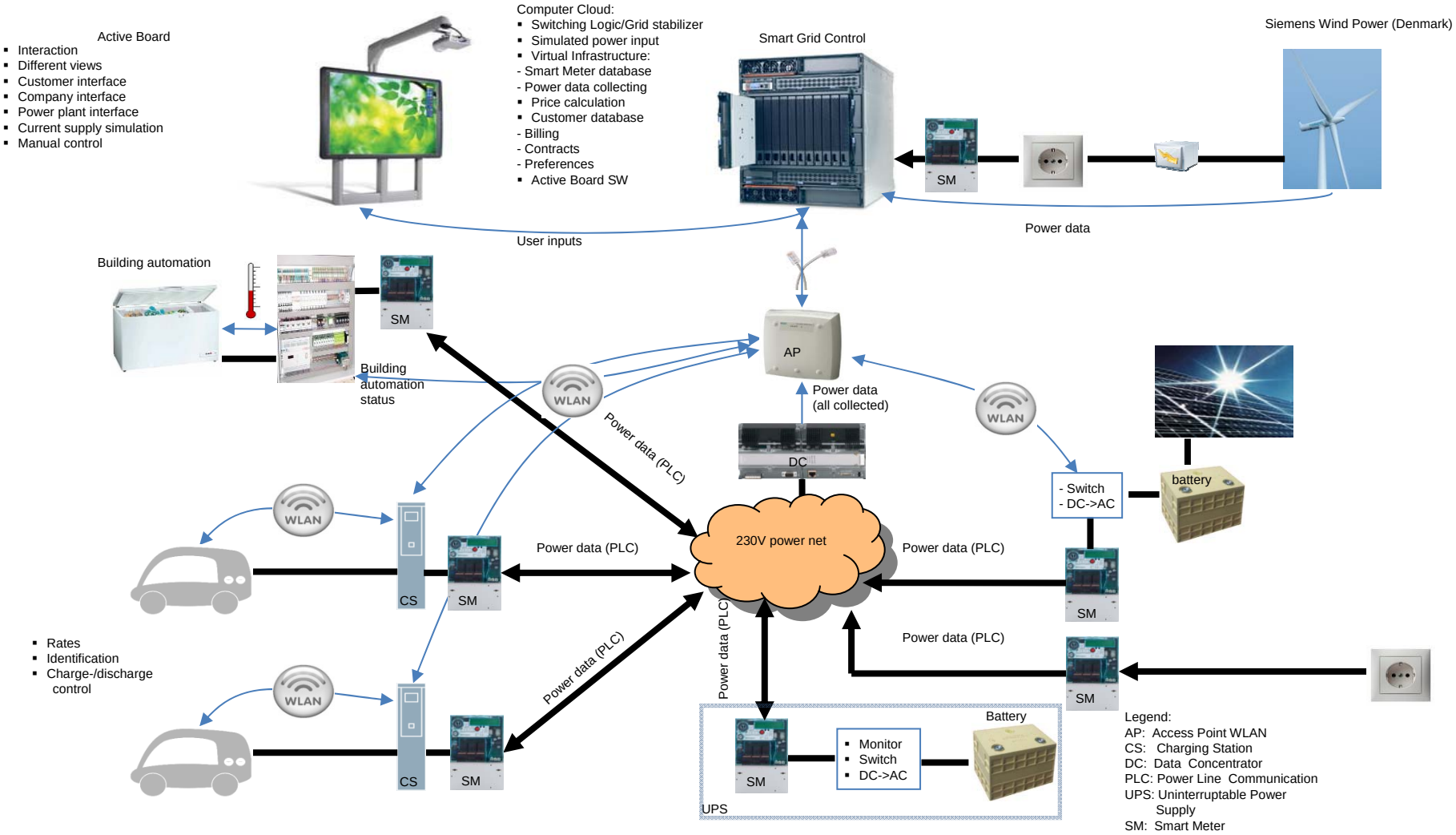

Hohe Öffentlichkeitswirkung durch ganzheitlichen Ansatz

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Besuch von Herrn Dr. Hausmann
Smart Grid Company Project
Februar 2011

Besuch von Herrn Dehen
Vorstand Sector Energy
Februar 2011

Hohe Öffentlichkeitswirkung durch ganzheitlichen Ansatz

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Umsetzung bei der SPE

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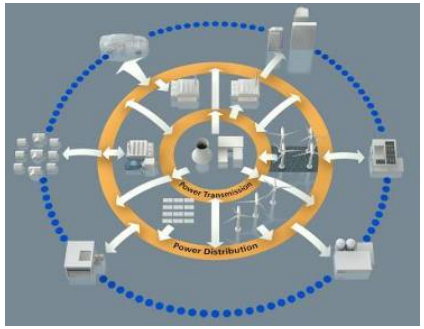
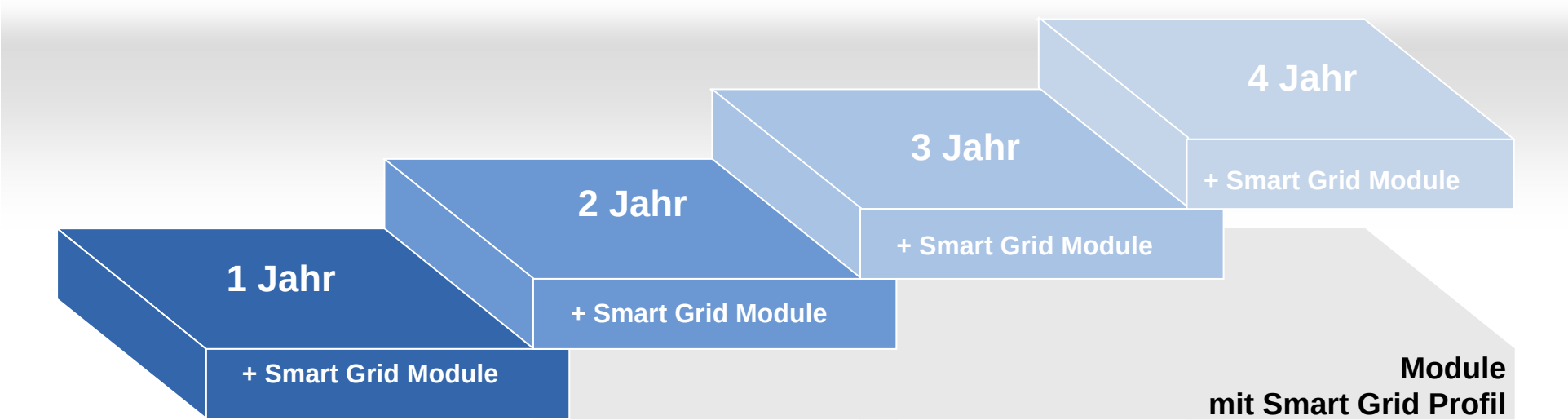
Bestehende Berufe erweitern mit Smart Grid Profil:

- Siemens Sektoren als Partner
- In Zusammenarbeit mit den Berufeteams der SPE werden Ausbildungsmodule entwickelt
- Kontinuierliche Weiterentwicklung der Ausbildungsinhalte in Zusammenarbeit mit den Smart Grid Experten der Siemens AG





Beispielumsetzung: Netzfrequenz
(50 Studierende (1. Semester), 1 Woche)

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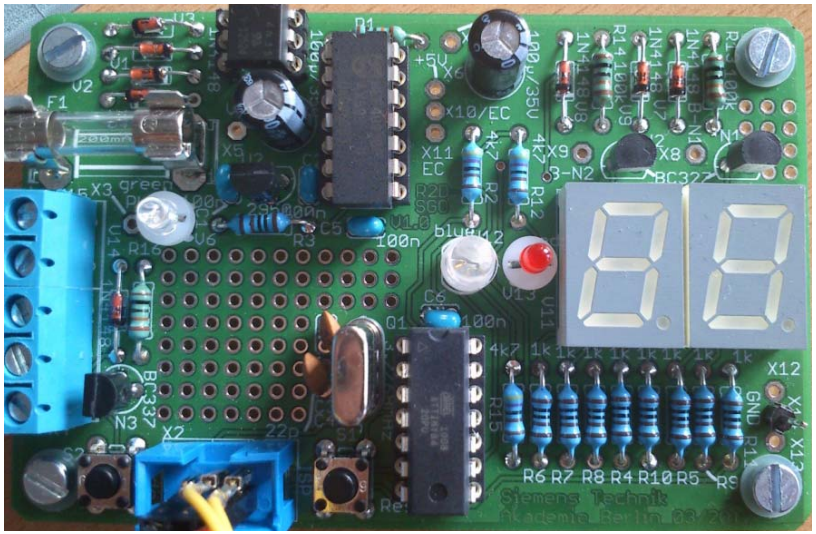

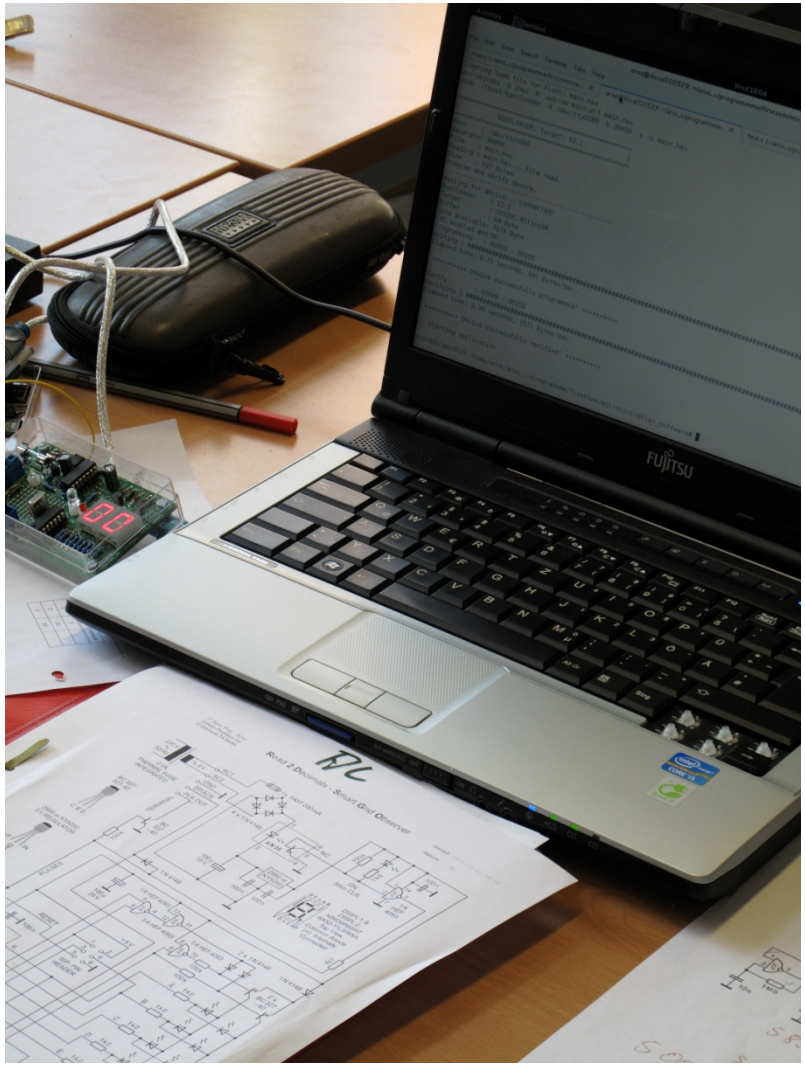

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Vielen Dank für Ihre Aufmerksamkeit!

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