

The image features a world map in the background, rendered in a light blue wireframe style against a darker blue gradient. In the top-left corner, the word "SIEMENS" is written in a bold, teal, sans-serif font. Below the logo, there is a white horizontal bar.

**SIEMENS**

Mai 23<sup>st</sup> , 2013

# Welcome at Siemens in Berlin

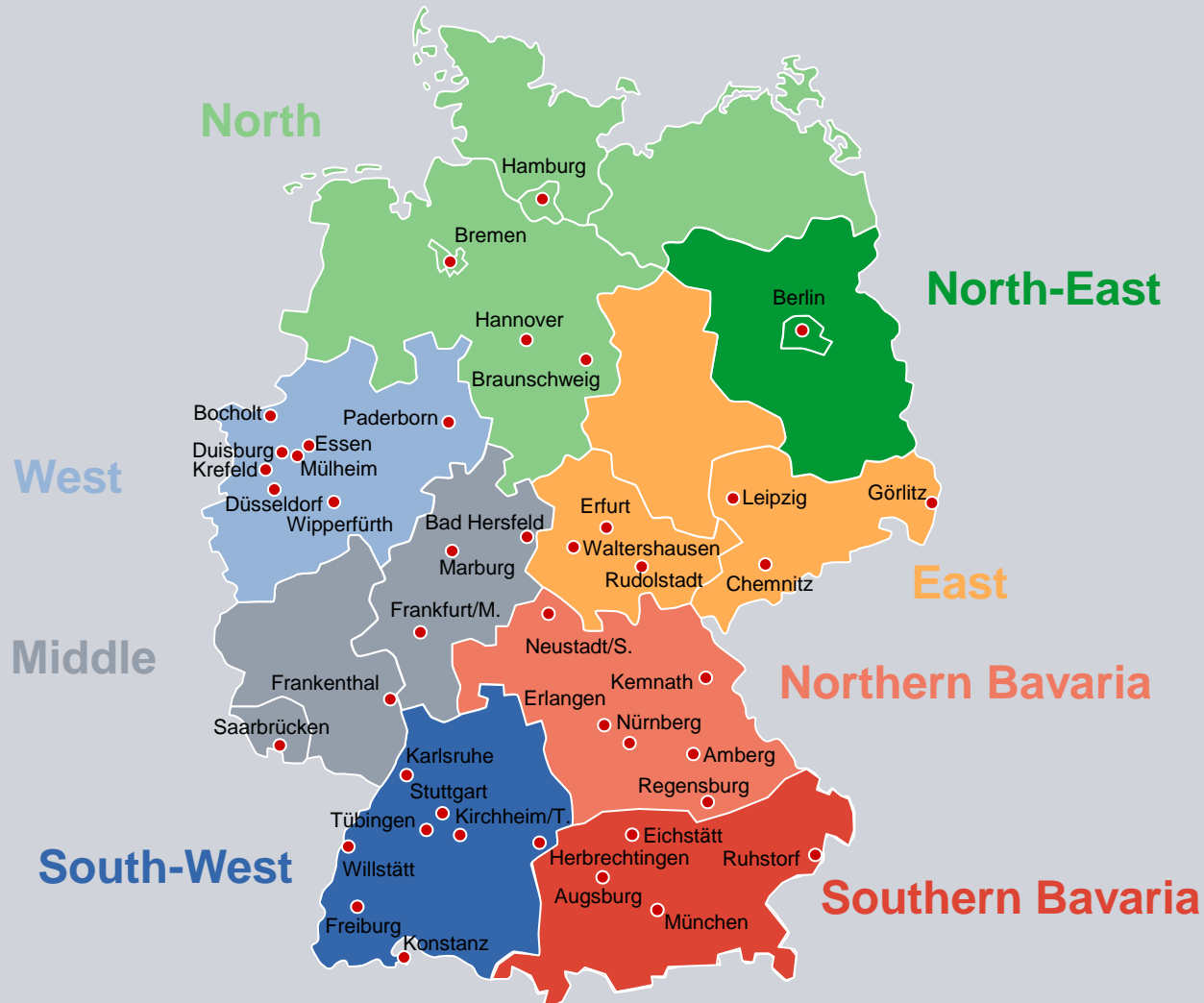
**Siemens Professional Education Berlin**

# Education is Future

Information about the  
Educational Institution at Siemens in Berlin



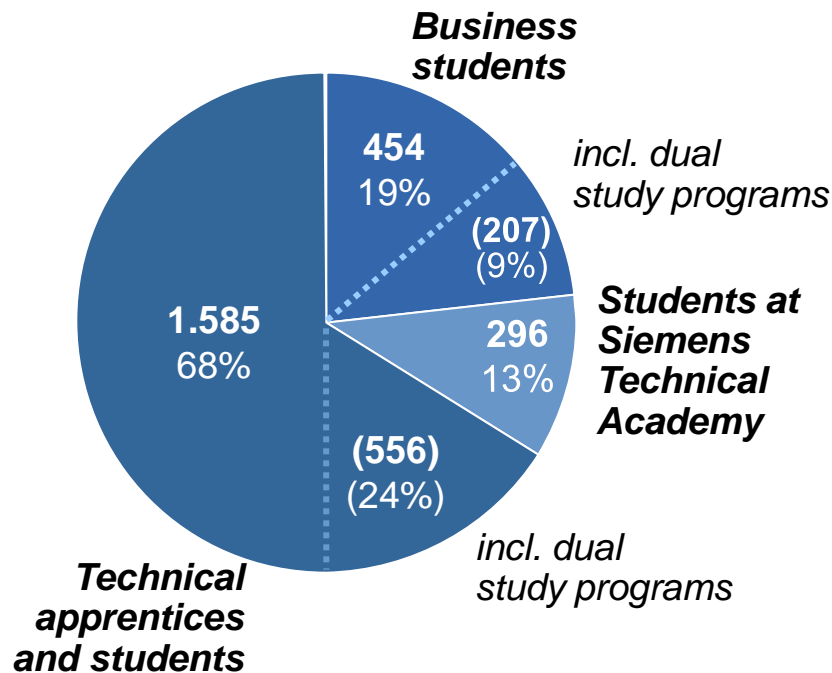
# Siemens Professional Education - locations all over Germany



## Siemens is one of the largest training organizations in Germany

Training costs in Germany : 180' € p. a.\*

▶ **2.335** New trainees in 2012

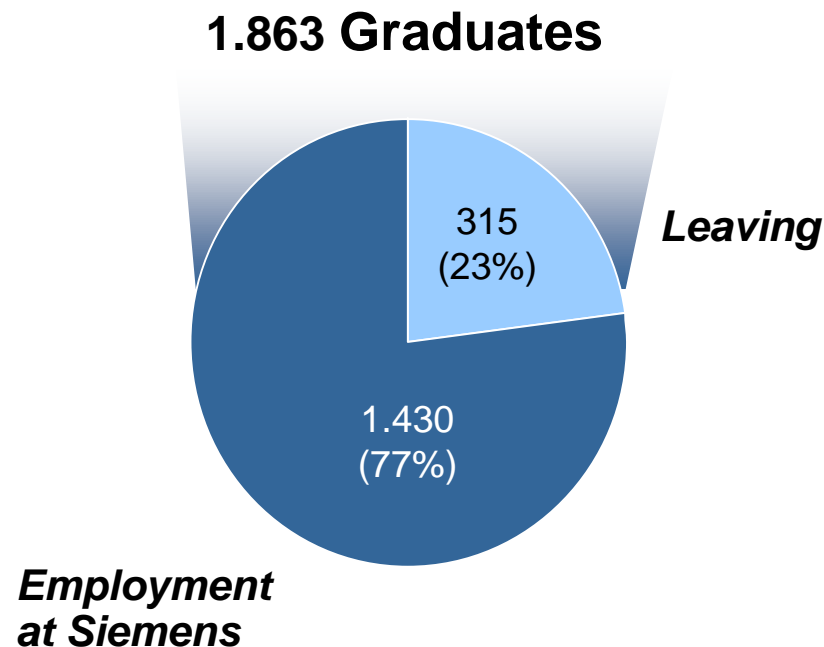


\* incl. VU, without Osram

Total trainees (30.09.2012): 6.920

<b>Technical professions</b>	<b>5.360</b> incl. 480 female
<b>Business professions</b>	<b>1.170</b> incl. 710 female
<b>Siemens Technical Academies</b>	<b>390</b> incl. 70 female
<b>External apprentices</b>	<b>2.670</b>
<b>Students in special programs</b>	<b>40</b>

# Education and Training graduates (FY 2012) Siemens Germany



## Reasons for leaving the company:

- Higher Degree at University
- Further Education or external Trainee programs
- External employment
- Private reasons

In the “Dual System”, companies and the state jointly create “Handlungskompetenz” for the young

**Employees:**

High employability

Highly productive

Highly qualified

Future oriented

“Handlungskompetenz”

**State or private Vocational School**

Theory: administered by the state

**Company A**

- practical on job training
- employed at the company

**Company B**

- practical on job training
- employed at the company

**Company C**

- practical on job training
- employed at the company

Practical Training: administered by the Companies

## Siemens Professional Education Berlin (SPE NE)



**Education and training  
provider  
from Siemens  
in the region  
North / East Germany**

### **Technical Education and Training**

Technical professions and  
Bachelor programs

### **Business Education**

Business professions and  
Bachelor programs

### **Werner-von-Siemens- Werkberufsschule**

Private Vocational School

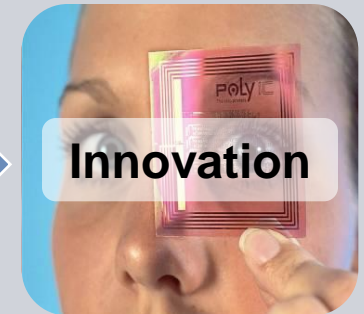
### **Siemens Technik Akademie Berlin**

International programs for higher education

# The Concept of Training – Developing “Handlungskompetenz”

## Future-oriented qualifications:

- Project- und process-oriented learning in exemplary trade-oriented tasks
- Training in synchronized blocks and phases
- Project presentations as learning results
- Knowledge management and networking
- Higher Education international programs all in English
- Business management and business process-oriented contents
- Self dependent web-based comprehensive learning
- Continuous evaluation of learning progress
- Additional expert qualifications (e.g. SMSCP, CISCO CCNA, Microsoft MCP)





## Smart Grid @SPE Project to derive & develop comprehensive education modules

### 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

### Berlin is the largest training center for Siemens AG in Germany

- **1350 apprentices and students**, of which:
  - 450 are from regional cooperation partners
- Hands-on training and vocational school under one umbrella
- Large number of external firms in the region as cooperation partners
- Comprehensive training and education with ca. 20 occupations in technical and business areas
- International programs and Bachelor programs at the Siemens Technical Academy
- Further education and training for employees



**Siemens Professional Education Berlin**

# **Europeans@Siemens 2012**

**Technical education for European apprentices**



## Europeans@Siemens2012



## Europeans @ Siemens

- Technical education for European apprentices based on the German Dual Education System at Siemens in Berlin



- Training of 29 apprentices from 13 countries started in 2012

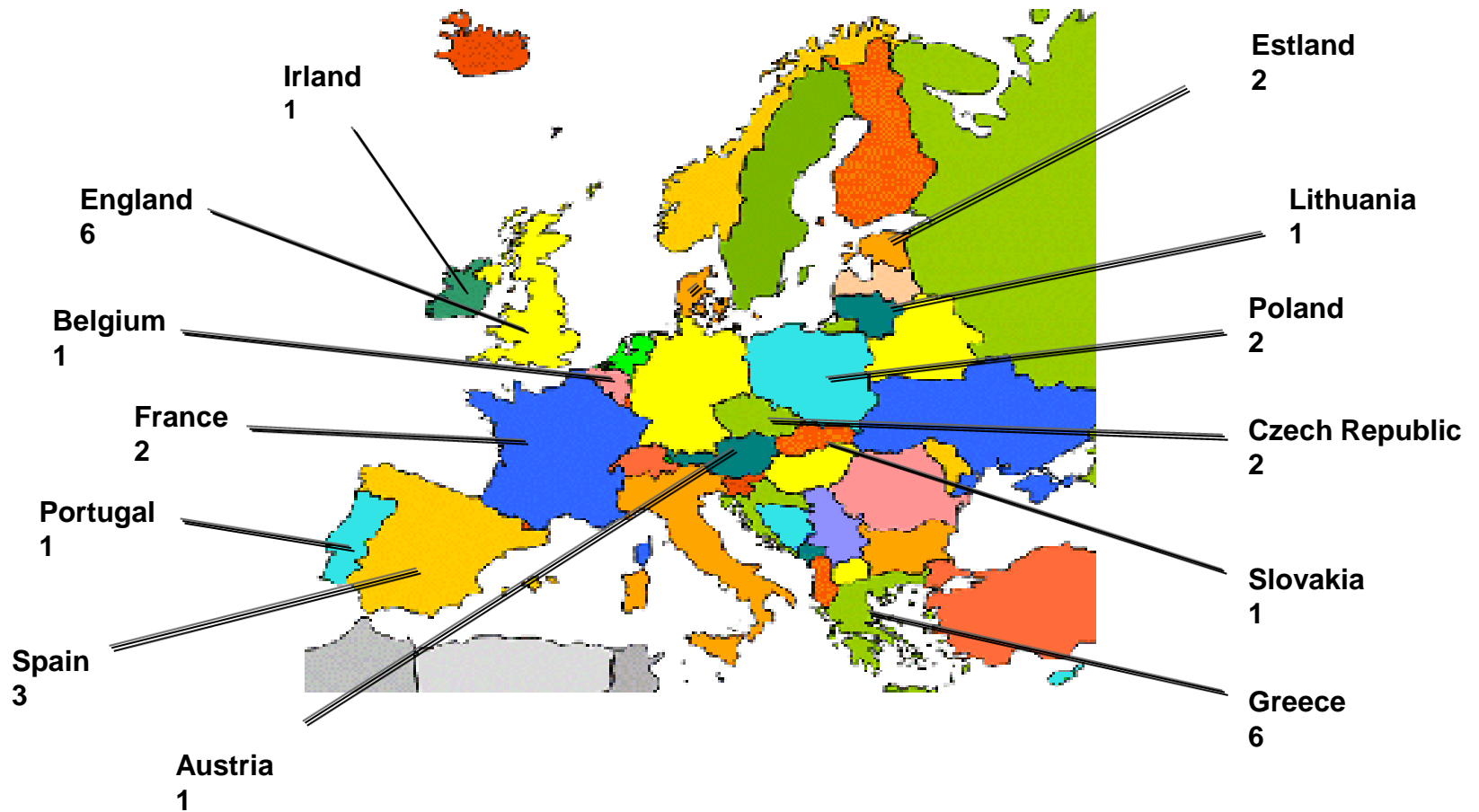
- Apprenticeship as a skilled technicians for mechatronics and electronics

- 3 ½ years training program,  
Students acquire the German IHK degree

- Training is done in German as second language of the European students

- After the IHK degree, they are going back to the home country.  
Employment at the local Siemens Organization

## Europeans@Siemens2012



**Thank you very much for  
your attention!**

