

## Automation Towards Global Standards

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### Thoughts on Egyptian Industry Problems

#### The 5 Ls

- Lack of Local Machine Builders and Local System Integrators
- Lack of Industrial Training
- Lack of Industry-Academia Relation
- Lack of IP Protection
- Lack of Customs Clearance Consistency

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### Action Areas

- Development of Local Machine Builders
- Factory Upgrade
- Automation Training Initiative
- Co-Founder of Brand Protection Group in Egypt

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### 1- Development of Local Machine Builders

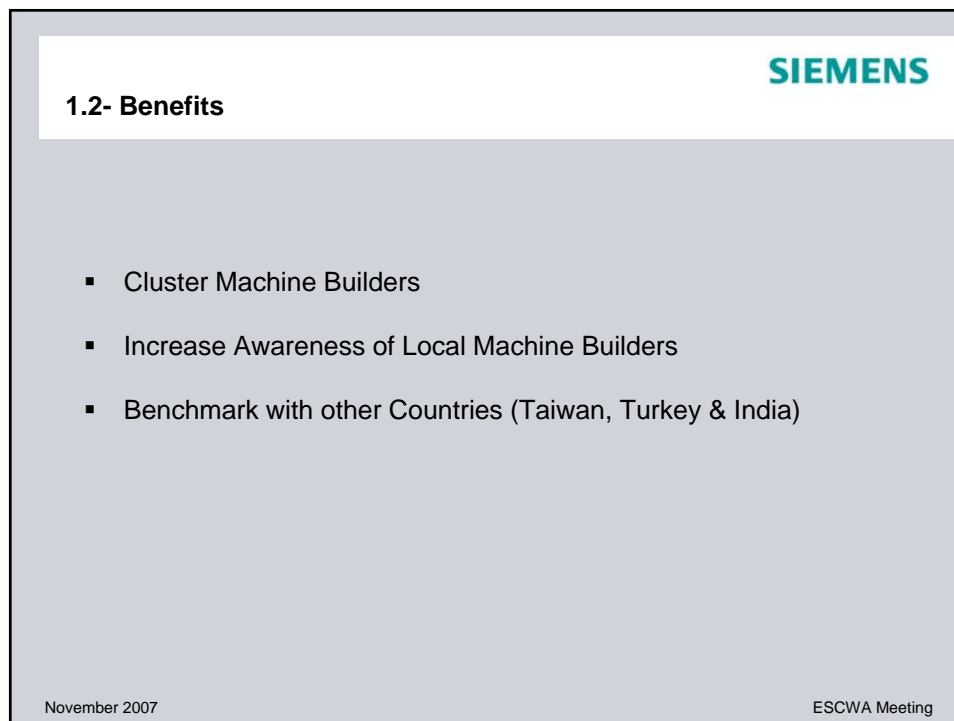
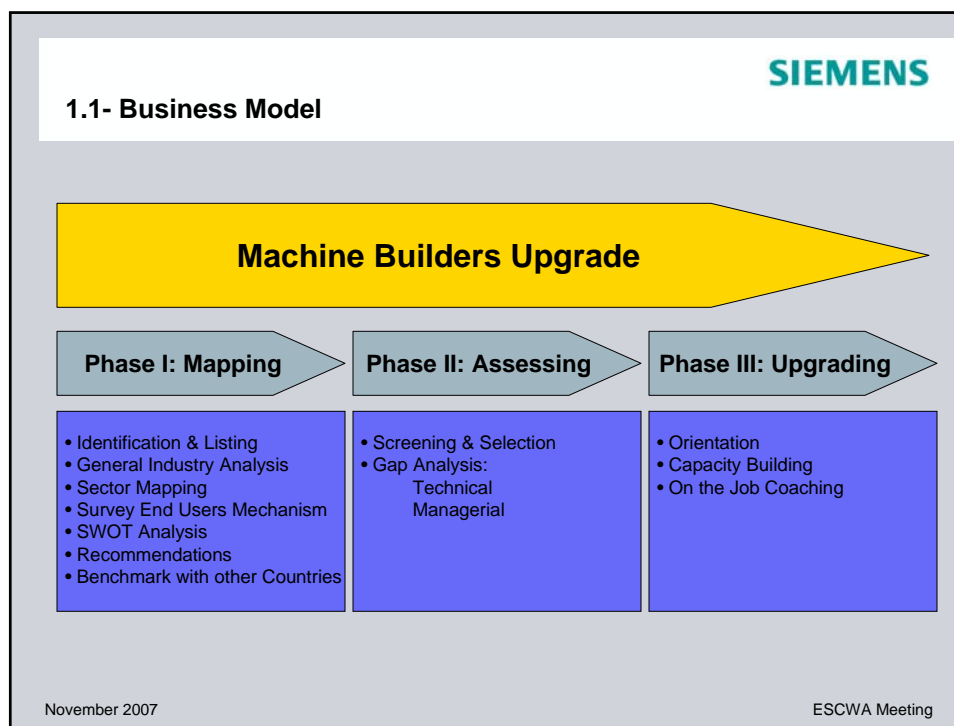
Modernize 20 local Machine Builders through Innovative Solutions.



Total Budget 20 M EGP  
Duration 18-24 Months

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## 2- Factory Upgrade

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Automation upgrade of 150 factories by local System Integrators using either the Programmable Logic Controller (PLC) or the Computerized Numeric Controller (CNC)



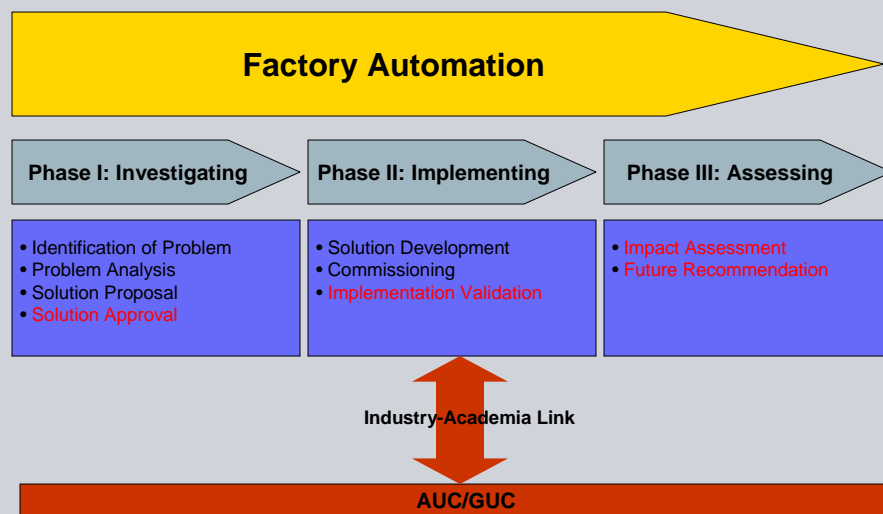
Total Budget 60 M EGP  
Duration 24 Months

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### 2.1- Business Model

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## 2.2- Benefits

- Build Strong Process Know How at Local System Integrators
- Lower Engineering Cost
- Link Industry with Academia through Consulting Role
- Increase Automation Awareness to Reach Global Standards

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## 3- Automation Training Initiative

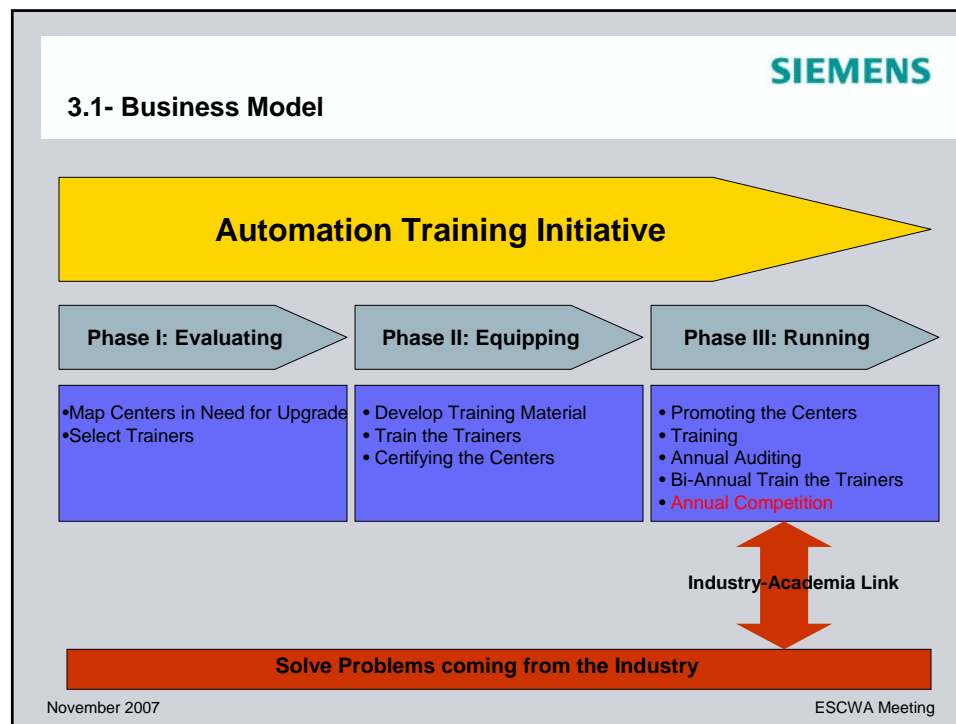
Upgrade 50 Vocational Training Centers and Engineering Schools in  
Egypt with Latest Automation Technology



Total Budget 100 M EGP  
Duration 24 Months

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### Major Output of the Programs

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- Challenging Innovation
- Industry-Academia Linkage
- Automation Awareness
- Development of local SMEs  
through Private-Public Partnership

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### Final Words

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... let's work together to make  
the Egyptian Industry globally  
competitive.

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