



Fuel cell certification

Product and system safety

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Test engineering E-mobility



- **The TUV Rheinland Intercert Ltd is a member of the TUV Rheinland Group**
- **TUV is a 140 years-old independent testing laboratory.**
- **TUV Hungary is an Energy Competence Center in East and Middle Europe.**

Fuel cell certification

... from TUV Rheinland Intercert Ltd.



Market side:

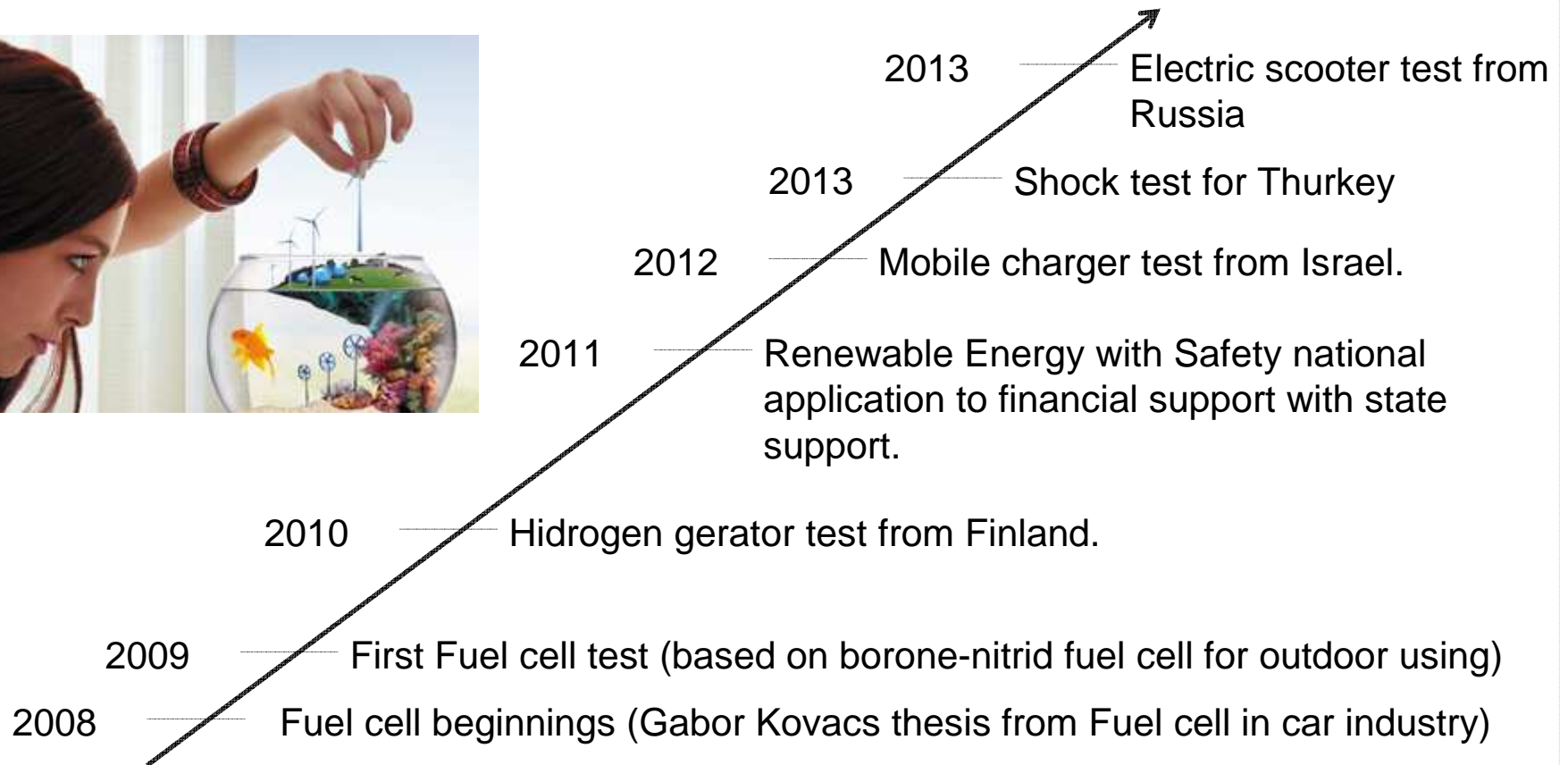
- New renewable energy systems all over the world
- Market demand for the new energy

Social side:

- Uncertainty from the customers (safety and performance)
- sustainable development

Fuel cell certification

... TÜV Rheinland and Fuel cells Beginnings



Fuel cell certification

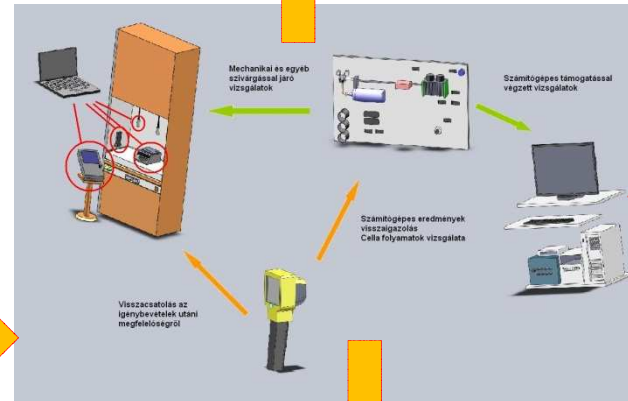
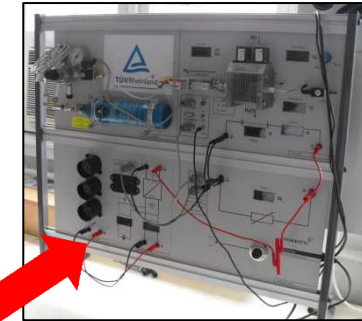
... TÜV Rheinland and Fuel cells at now



Developed the new test method field with state support

Support units:

- Heating shock
- Leakage test
- Vibration test
- Transport safety
- Thermal Imaging Test
- Chemical fume
- Measurement of gas composition
- Graphical Development Environment NI



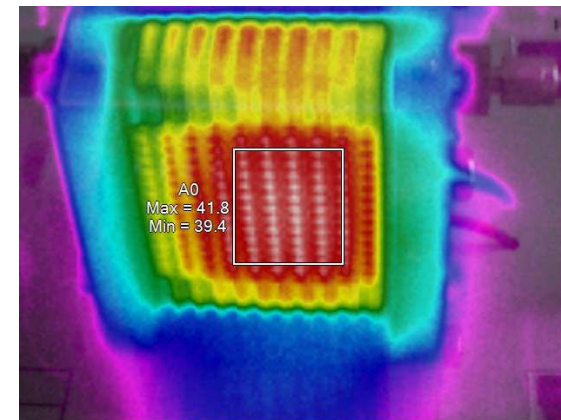
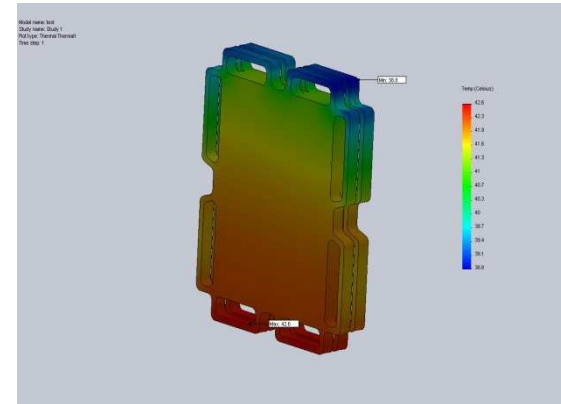
Fuel cell certification

Renewable energy with Safety



Fuel cell certification

... Every day life



Fuel cell certification

... Every day life



Thank you very much for your attention!

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