

Practical Implementation of the Green Transition in Training Formats





Nele

- **Age:** 17 years
- **Status:** Apprentice
- **Specialization:** Electronics Technician for Building System Integration
- **Company:** Fahling GmbH
- **Company Background:**
 - 100 years old
 - 50 employees
 - Offers complete solutions for electrical and HVAC (Heating, Ventilation, and Air Conditioning)
 - 5 apprentices in the HVAC and electrical fields



Thomas

- **Age:** 40 years
- **Status:** Experienced Craftsman
- **Experience:** 20 years in the profession
- **Specialization:** Trained Heating Installer
- **Company:** Becker Haustechnik
- **Company Background:**
 - 5 employees
 - Business taken over by his son Marc (33 years old, double master certificate)
 - Marc focuses on the energy transition
 - Thomas specializes in gas and oil heating systems
 - Thomas is now supposed to install heat pumps



Michael

- **Age:** 58 years
- **Status:** Master Electrician specializing in Energy and Building Technology
- **Additional Qualification:** Business Administrator in Craftsmanship
- **Company:** Elektro-Bleeker GmbH
- **Company Background:**
 - 200 employees
 - Grew up with the company
 - Works as a project manager
 - Proud of his company
 - Loves his profession



Development of Competencies

- Training with interdisciplinary interface knowledge
- IT skills (IP addresses, fiber optic technology, IT security)
- Holistic training, no thinking in silos of different disciplines/subjects
- Action-oriented, case-oriented



Reskilling

- Heat pump training according to VDI 4645
- Refrigeration certificate course
- HVAC service technician course
- Communication skills: Successfully advising and selling the energy transition
- **Important:**
 - Not much has changed except the energy source.
 - Enhancement building on his skills
 - His boss Marc may also need support here



Upskilling

- Professional conferences on updates in DIN standards
- Special seminars like “Data Security in Networked Buildings”
- Project management course

Thank you for your attention!

Contact

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