

# ***INNOVET- Project***

## ***Bridging the gap between high-tech and weak learners***



ETF Regional Meeting – Schools for inclusive Education in the Western Balkans and Turkey  
Sanliurfa, Turkey, 4.-6. October 2010

*Presenters: Jürgen Lau, VESBE e.V. & Çolpan Erdem, MEKSA VAKFI*

# The agenda

- ➔ • **Jürgen Lau, VESBE e.V., Germany**
  - 1) Overview of the Project
  - 2) The relation to the ETF regional meeting
  - 3) Action-based learning
  - 4) Conclusion
  
- **Çolpan Erdem, MEKSA VAKFI**
  - 1) Why our participation
  - 2) Turkey's experience in this project

# Project INNOVET

**INNOVET – Innovative VET concept Car mechatronics / Mechatronics for slow and inexperienced learners, especially for youngsters and young adults**

**Project no.:** DE/07/LLP-LdV/TOI/14734

**Project co-ordination:** VESBE e.V.- Hennef, Germany

**Project partners:**

- Berufskolleg Troisdorf, Germany
- HIRON / CEPO, Sofia, Bulgaria
- KENTEQ, Hilversum, The Netherlands
- MEKSA Foundation, Ankara, Turkey
- VESBE e.V., Hennef, Germany

**Duration:** 29. September 2008 – 30. November 2010

**Webseite:** [www.innovet-mechatronics.eu](http://www.innovet-mechatronics.eu)

# The fields of the INNOVET project

## **Mechatronics in Turkey:**

Engineering drawing and constructing manual for trainings modules (conveyor belt, measuring/controlling/sensoric, SPS)



## **Car-Mechatronics in Bulgaria:**

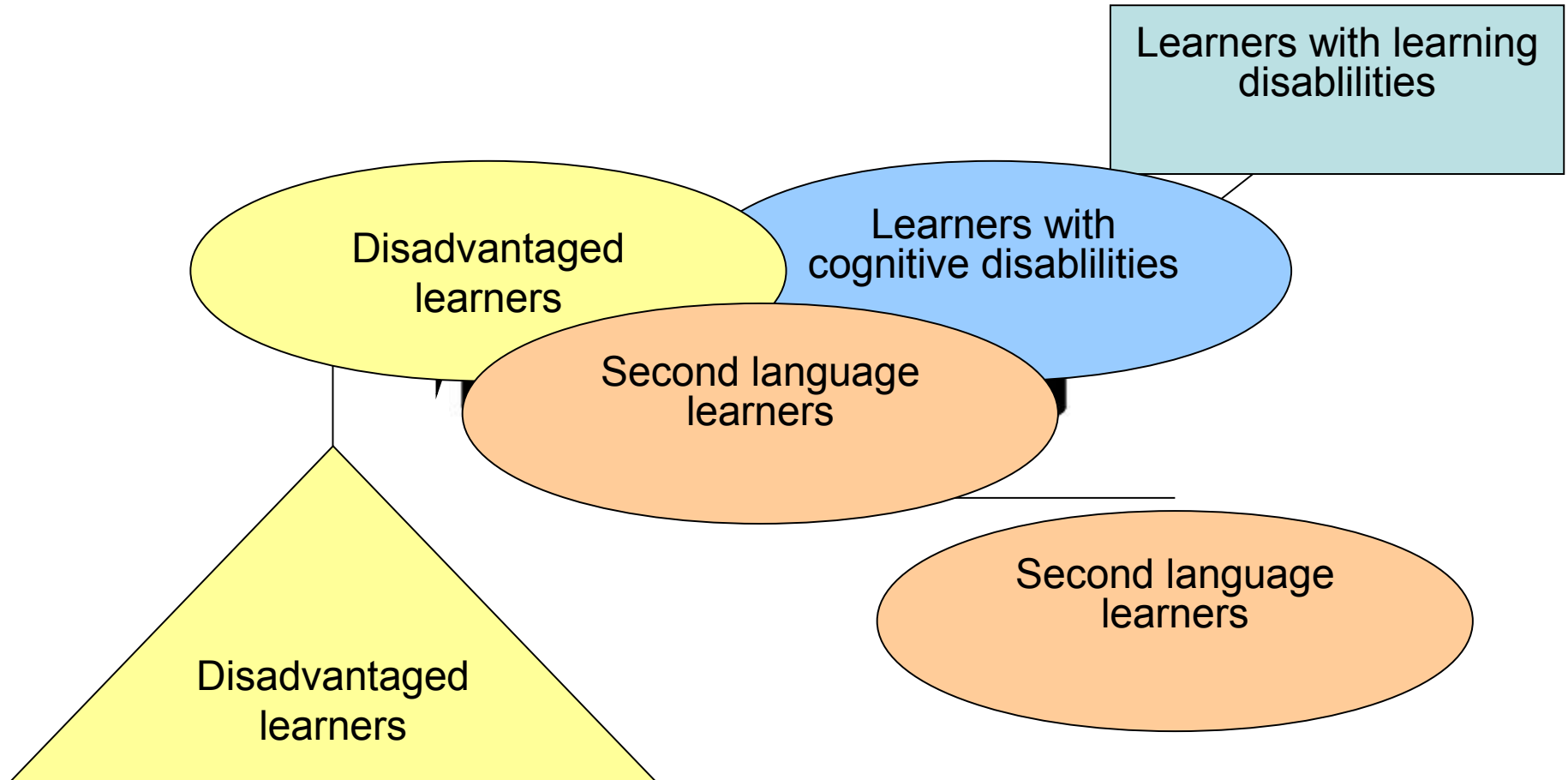
Working on real cars / Soft ware-simulations (EDT); The complexity of cars. Servicing of motors and their aggregate, Bus-Complex in Vehical/ Crossing

# Products and Results of the project

- ➔ Project website and Newsletter
- ➔ Evaluation and pre-selection of existing curricula, concepts and materials
- ➔ Testing of the pilot conception
- ➔ Testing with the specific target group
- ➔ Workshop for trainers and instructors
- ➔ Information and transfer workshops (events)

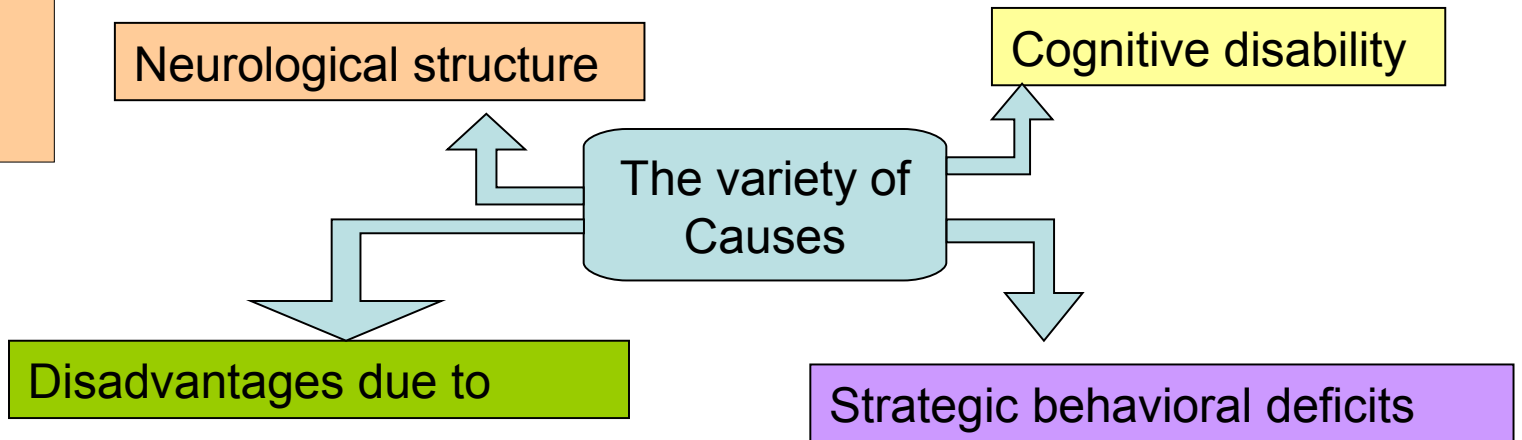
# The target group- slow learner

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# What causes one to become a slow learner?

- Temporary emotional strain
- Lack of meta-cognition
- Traumata

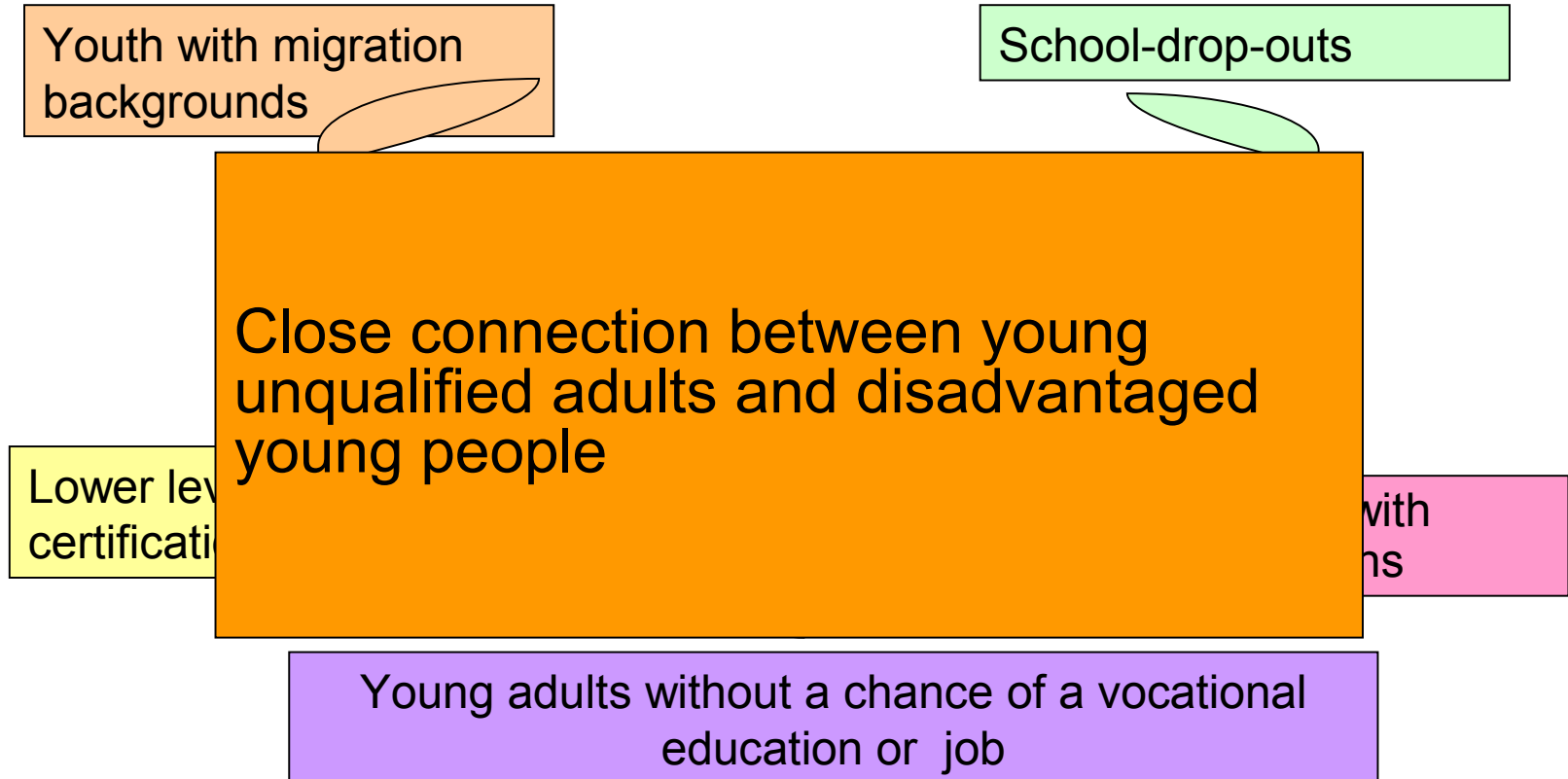


- Economic conditions
- Cyclical conditions
- Adverse social living conditions
- Family-related
- Environmental-related

- Poor memory performance
- Learning behavior
- Information-processing weakness

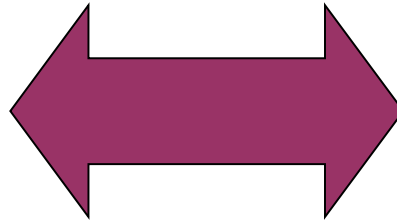


# The existent of Coherency



# Slow Learners and the community's future

**Employment**



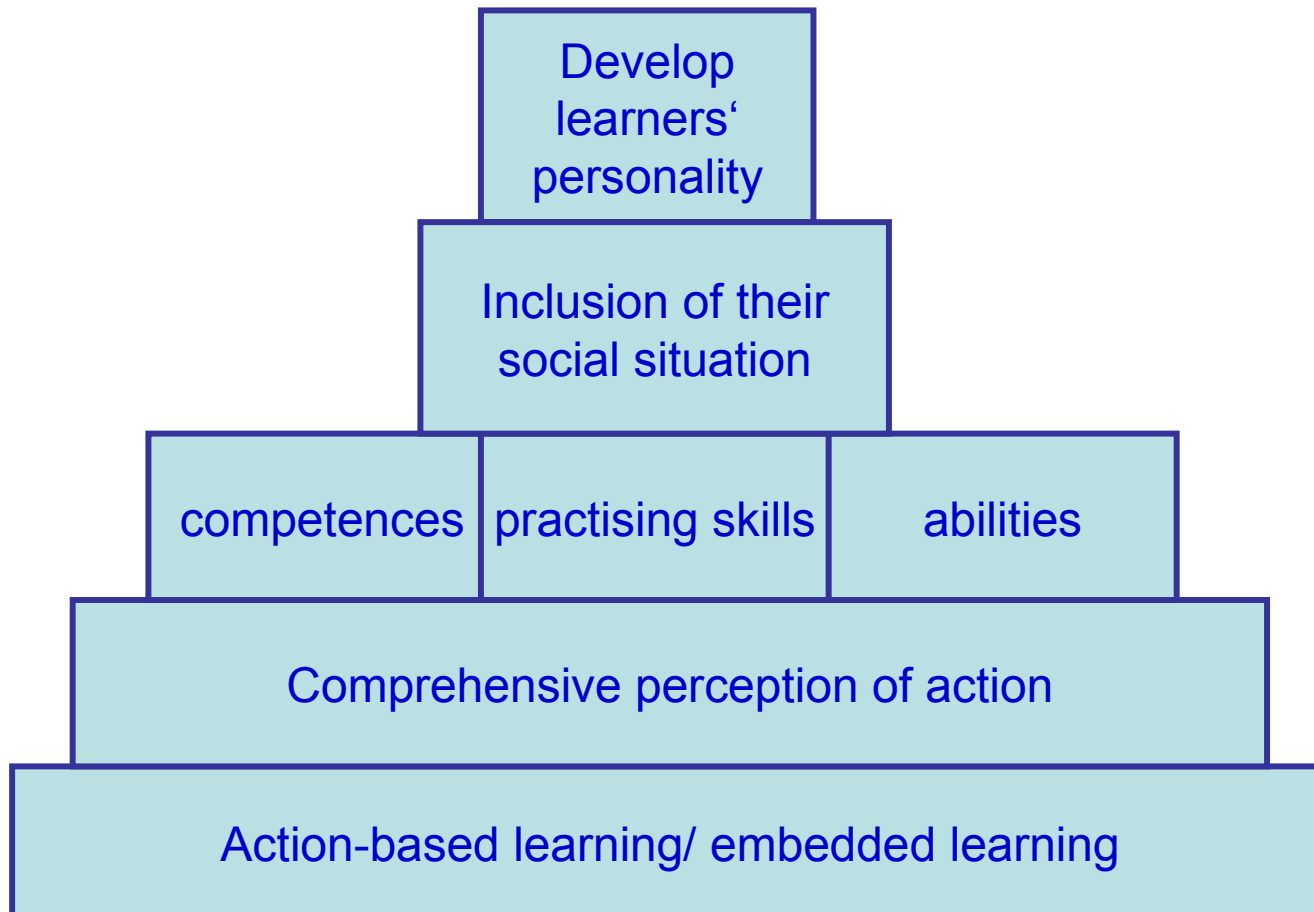
**Social Inclusion**

- 1) Vocational Schools as well as SMEs often lack valuable students' resources
- 2) Training staff often lack the vocational-pedagogical competences to successfully teach disadvantaged people in a qualified way.

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# Action-based learning



# Action-based learning

- Based on a comprehensive concept of action which includes creative and design aspects
- Opens up learning opportunities that enable individual initiative, personal responsibility and independent action to solve tasks and problems
- Places the learners with their individual learning requirements at the centre (and not the subject-matter, or the curriculum, etc.)

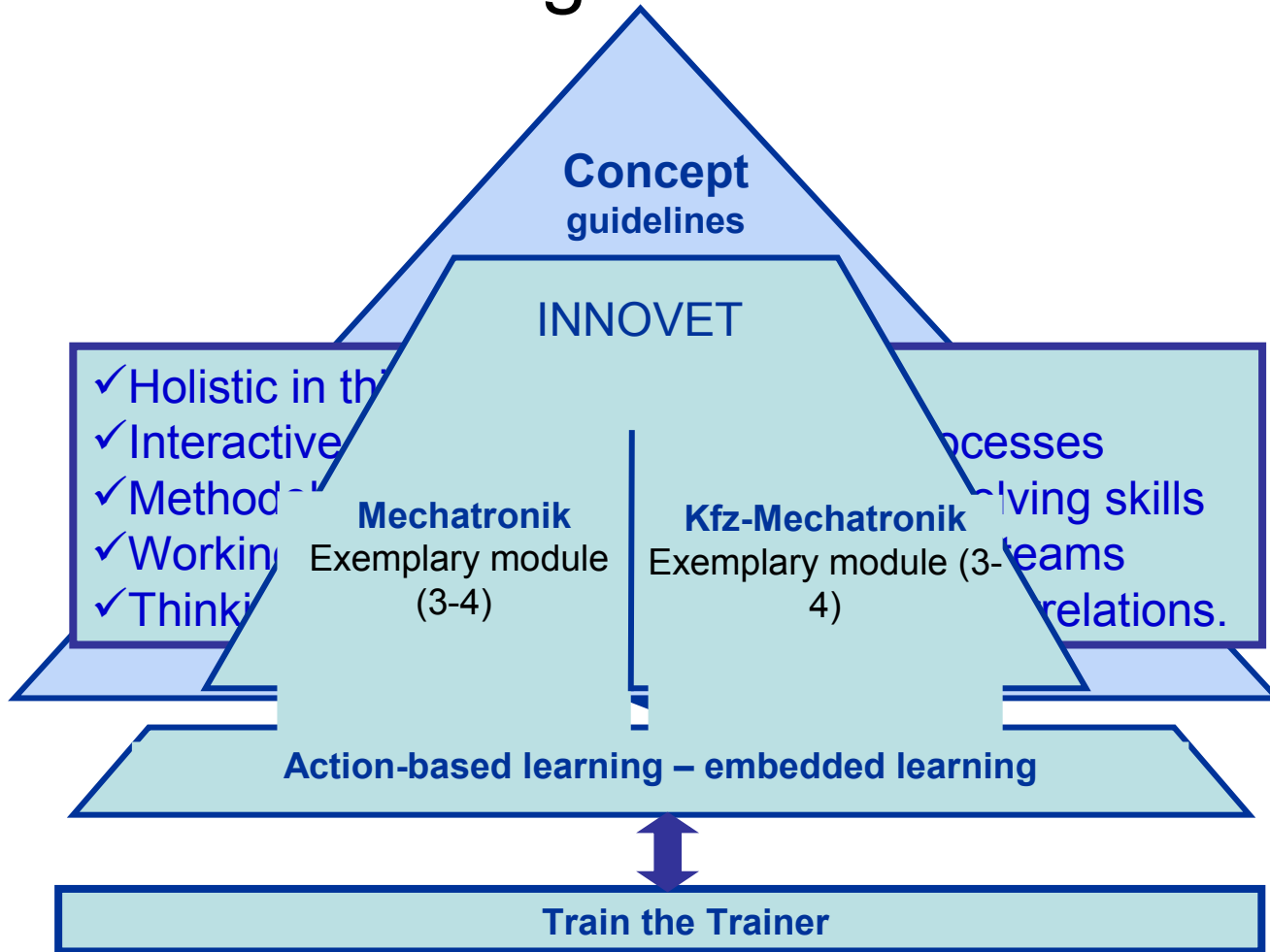


# Action-based learning

- Involves the learners actively in the planning and design of the learning process
- Supports the identification of learners with the learning subject-matter, learners feel responsible for the success of the learning process
- Including learners in the planning supports the linguistic and substantive handling of the learning subject.



# Future of trainings and further trainings



**Thank you for your attention!**