

TechWhiz

A Sign Language Dictionary of Technical Terms

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The TechWhiz project

- Three year Project
- 5 partners (Portugal, Greece, Slovenia, Germany, Cyprus)

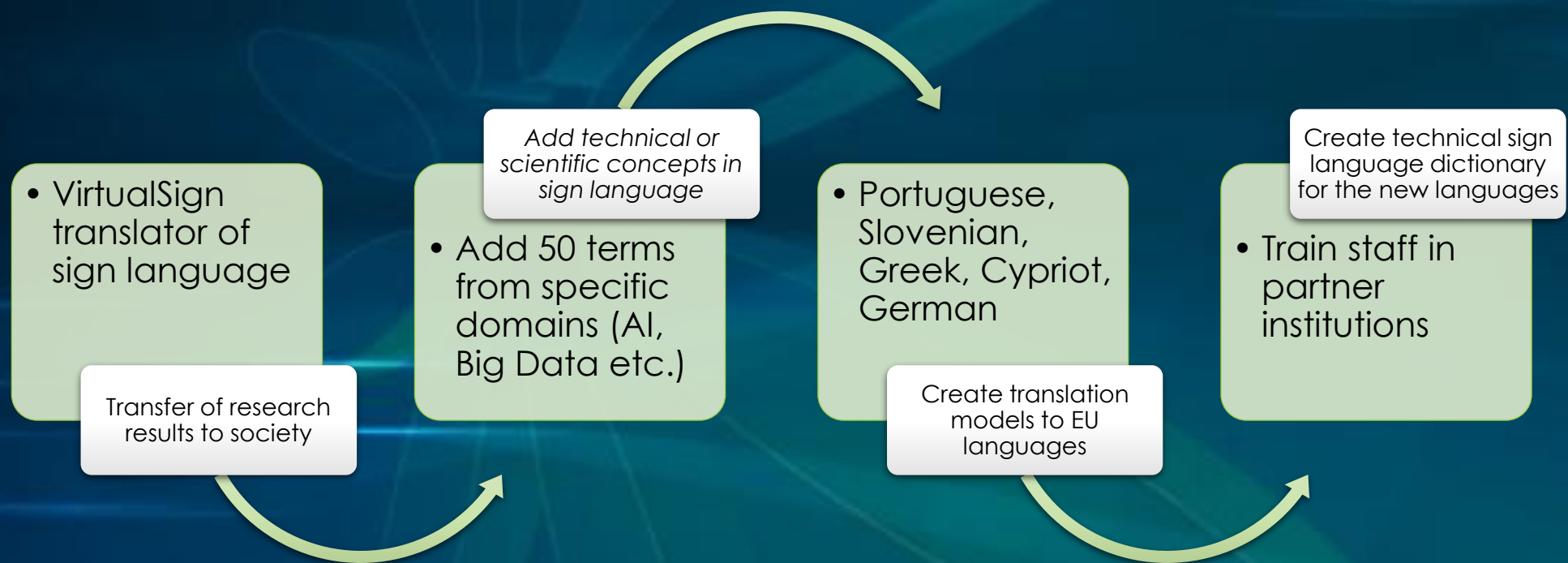
Motivations

- To overcome barriers to daily communication faced by deaf students
- Compromise the development of creative, emotional and social skills
- Constraining future opportunities and social inclusion

Aims

- Promote equity and social inclusion
- Boost mobility of deaf students.

Methodology



Sign languages characteristics

- Sign languages are distinct from oral languages
- Linguistic features are different
- The first language of deaf people is sign language
- Their country oral language is a second language, like English for most of us
- Despite being able to read in our native language we cannot read English without training
- The same happens to deaf people that cannot read Portuguese because their native language is Portuguese Sign Language, not Portuguese.

Technical terms

Deaf people cannot understand technical terms:

- there are no such words in their sign languages
- there is no dictionary – worldwide- for these terms

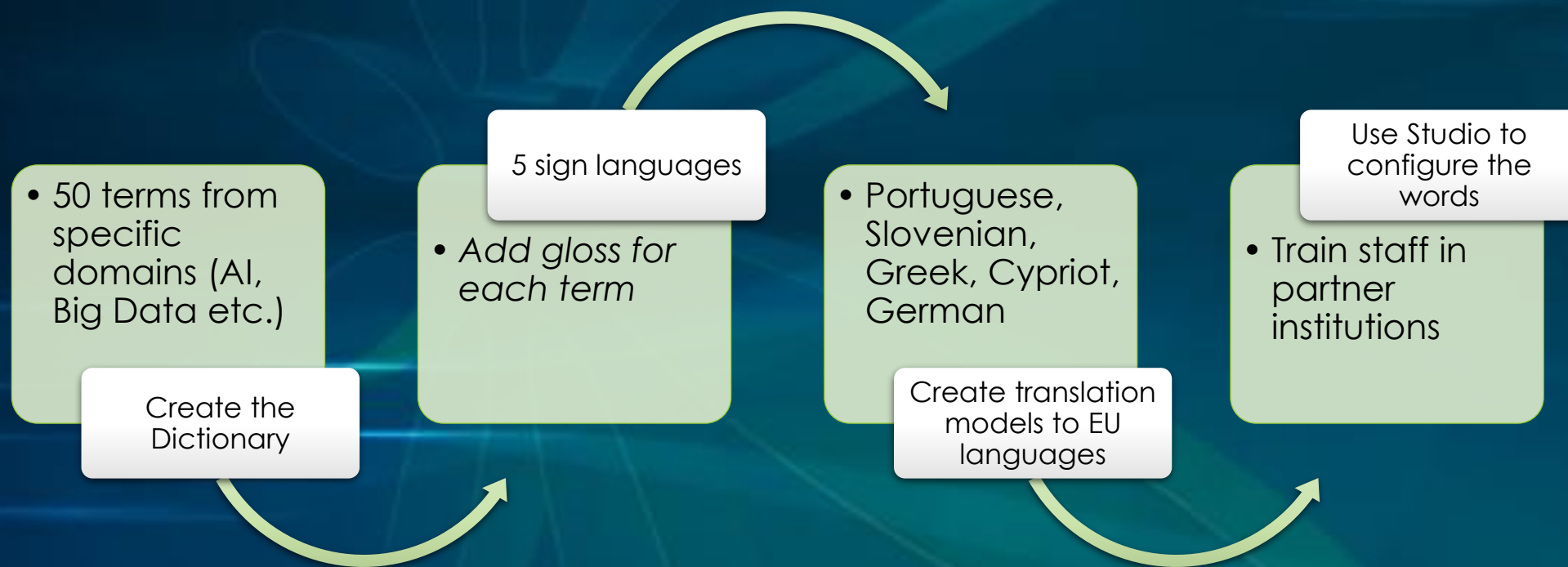
TechWhiz Objective

To create an online semi-automatic platform and search a glossary providing explanations of technical or scientific terms in sign language

TechWhiz Components

- the **Dictionary** i.e. an online glossary of technical terms explained in the sign language of the user
- the **Gloss Loader** which allows experts from the technical fields to upload explanations in spoken language and sign language experts to load the corresponding sign language gloss
- the **Studio** which is a tool allowing sign language experts to create and load new sign animations in a specific sign language.

Methodology



TechWhiz

- Visit our website for more information
- <https://techwhiz.hmu.gr/>



Thank you !