Neural Networks for Design Thinking:

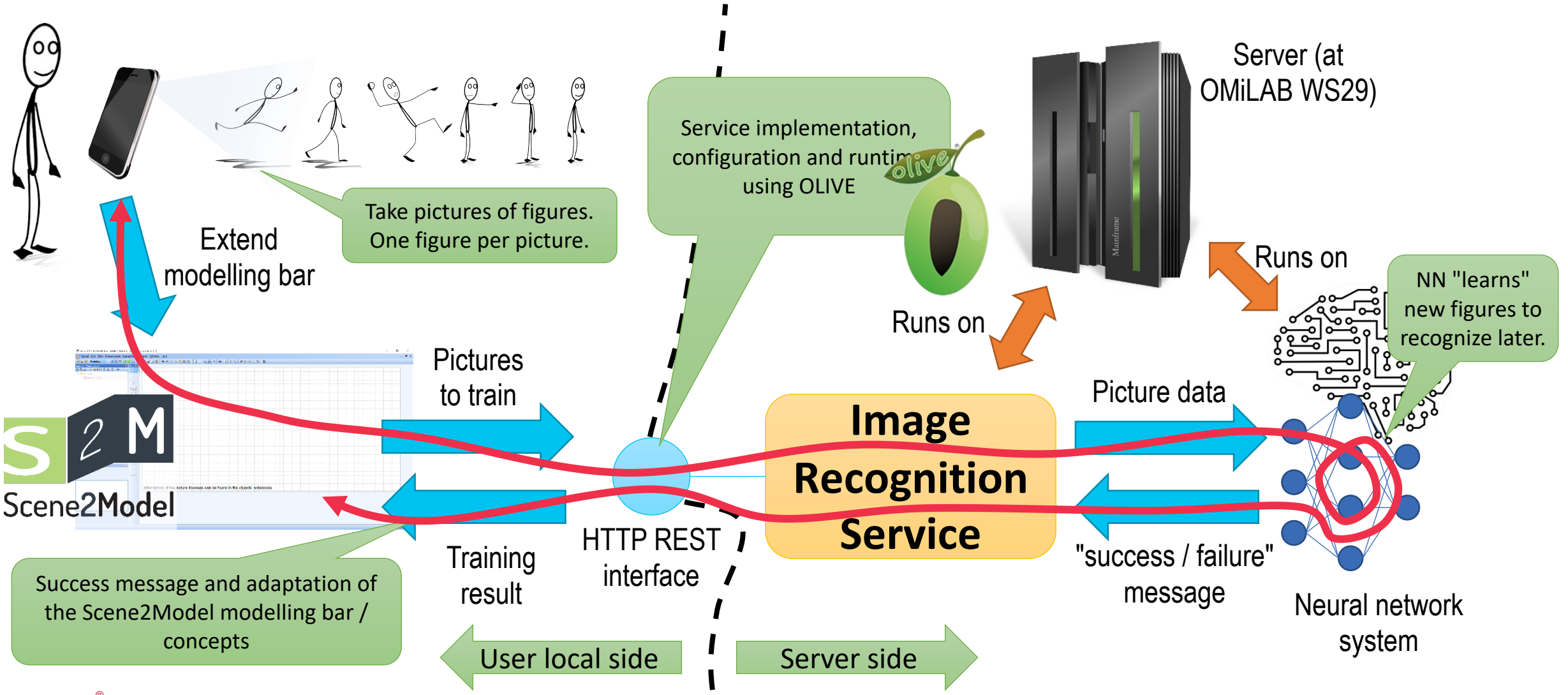
An Recognition Service for Modelling Objects

Use of Neural Networks with Scene2Model: A Case for Design Thinking

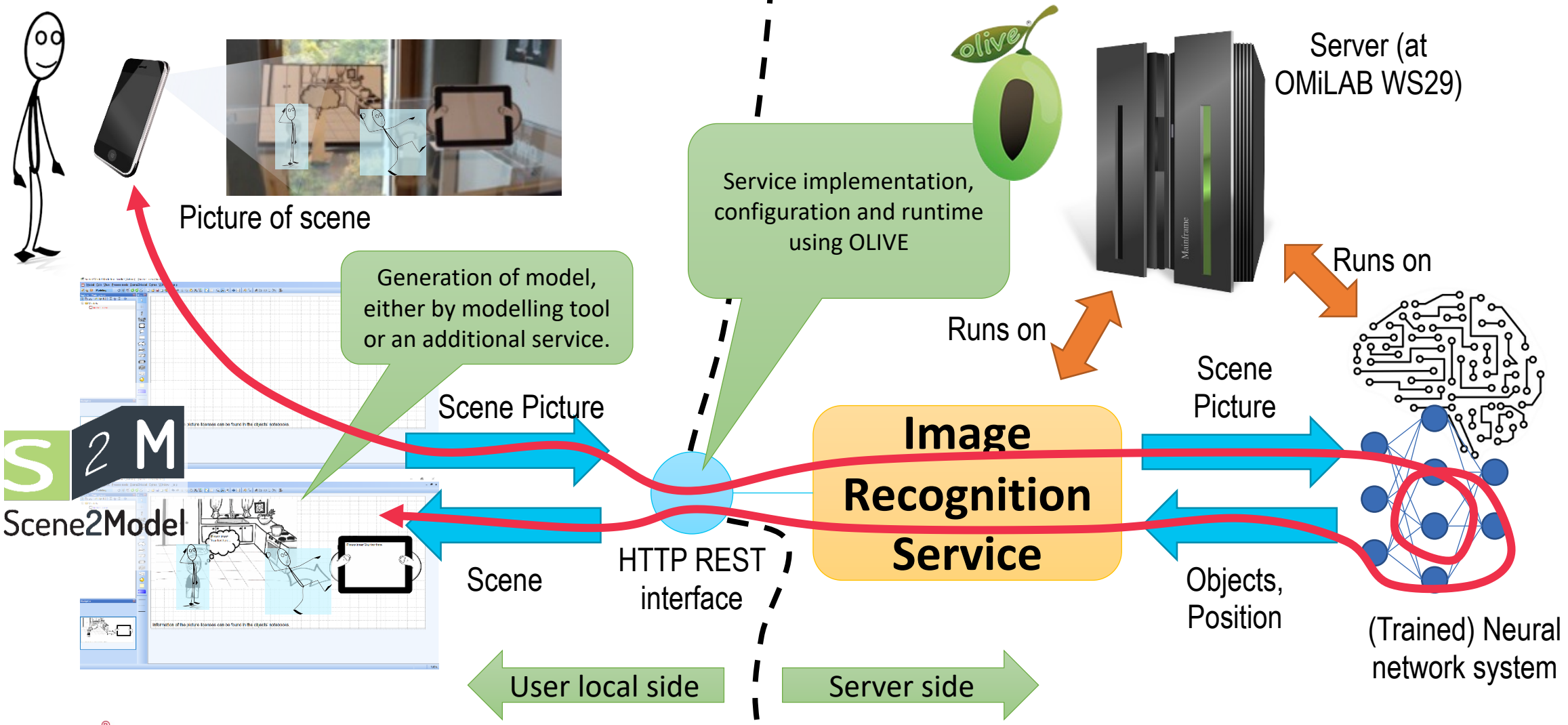
- **Training Phase**
  - Add concepts for figures that can be relevant for the recognition phase to the Scene2Model modelling bar.
  - Train image recognition service to recognize the images in a scene that is created during the recognition phase.

- **Recognition Phase:**
  - Create a physical scene with the available figures.
  - Digitalize physical scene into Scene2Model tool using image recognition service.

TRAINING PHASE: ARCHITECTURE



RECOGNOTION PHASE: ARCHITECTURE



COMING SOON...

- Further features:
  - Dynamically set the attributes available in the notebook of the concepts in Scene2Model (training and recognition phase).
  - Identify figures in the scene that have not yet been trained or could not be properly identified with the training and provide recommendations to extend Scene2Model modelling bar (during recognition).

- If you are interested to contribute, please get in touch with us at info@omilab.org.