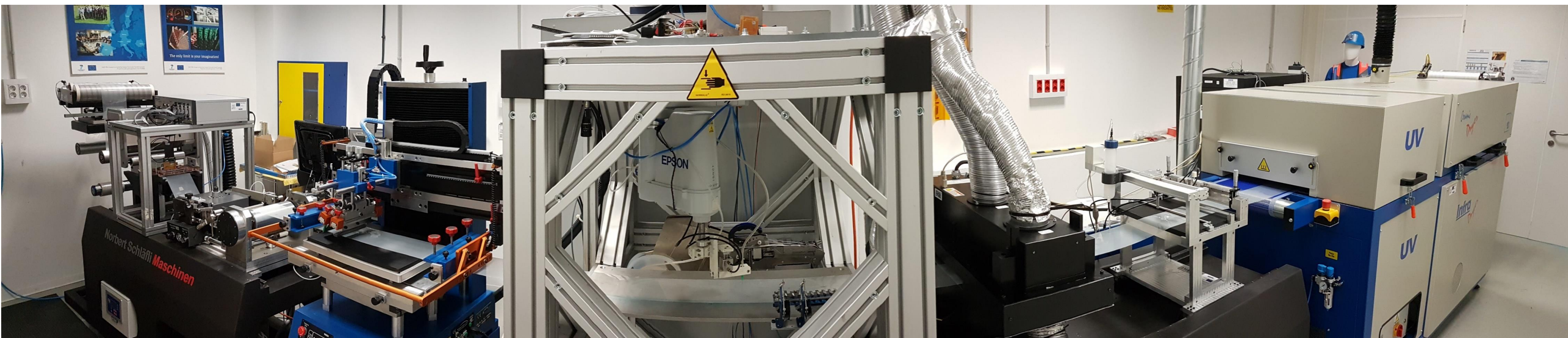


# ROLL-TO-ROLL PILOT LINE FOR THE ASSEMBLY OF ULTRASOUND TRANSDUCER MATRICES



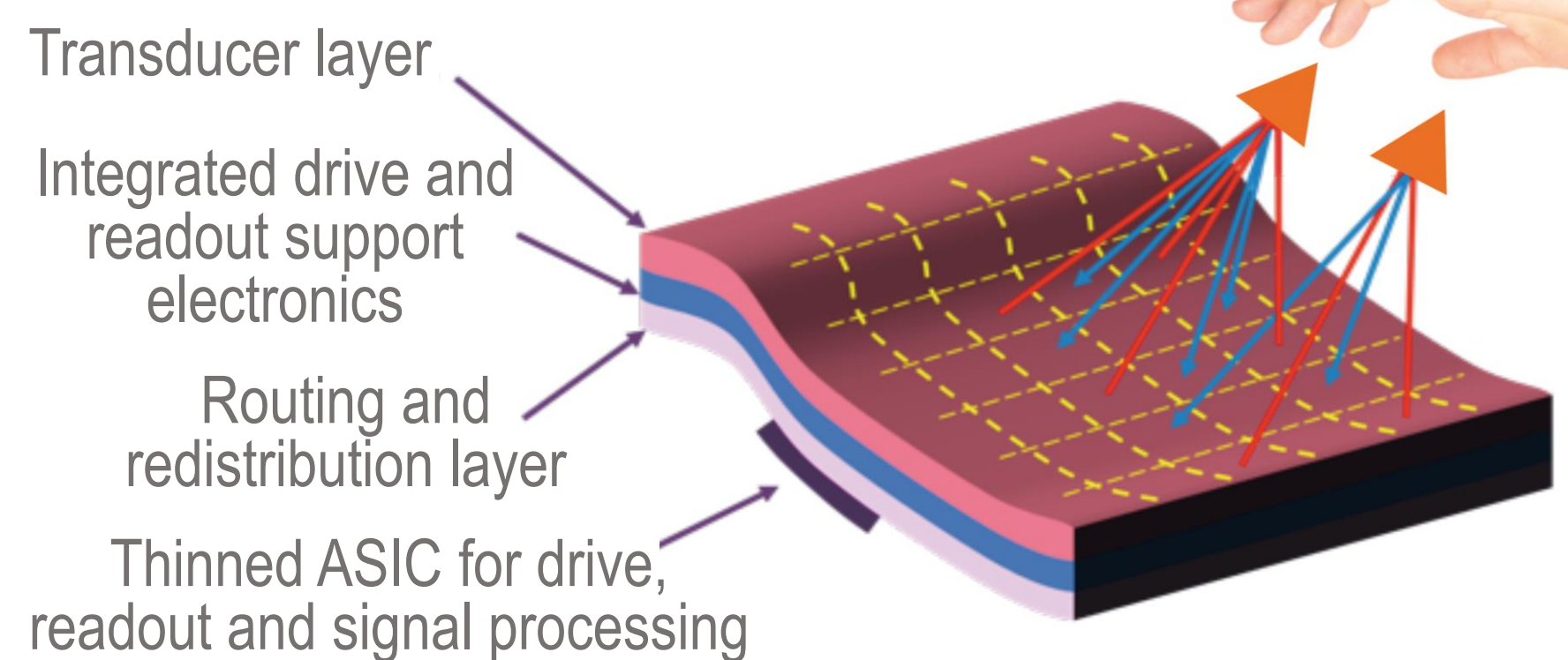
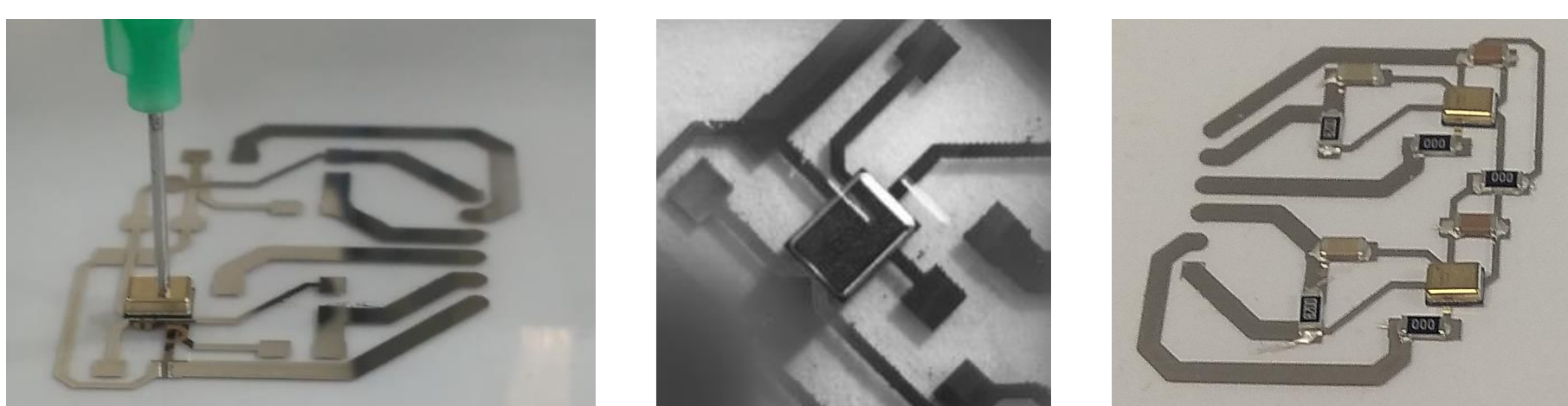
R2R available processes:



- High throughput printed electronics pilot line for the manufacture of **high added-value** flexible products
- Open access** to SMEs, large companies and RTDs globally
- Strong support** to customers in design and manufacturing from product developers and researchers

## Application case: SILENSE Shaping the Future with (ultra)Sound

The main project goal is to develop acoustic technologies for gesture control of devices, ultrasound data communication and indoor positioning. Efforts focus on different levels: hardware, software and system. Novel packaging technologies, such as the R2R process, are being developed for the integration of smart micro-acoustic transducers onto flexible foils.



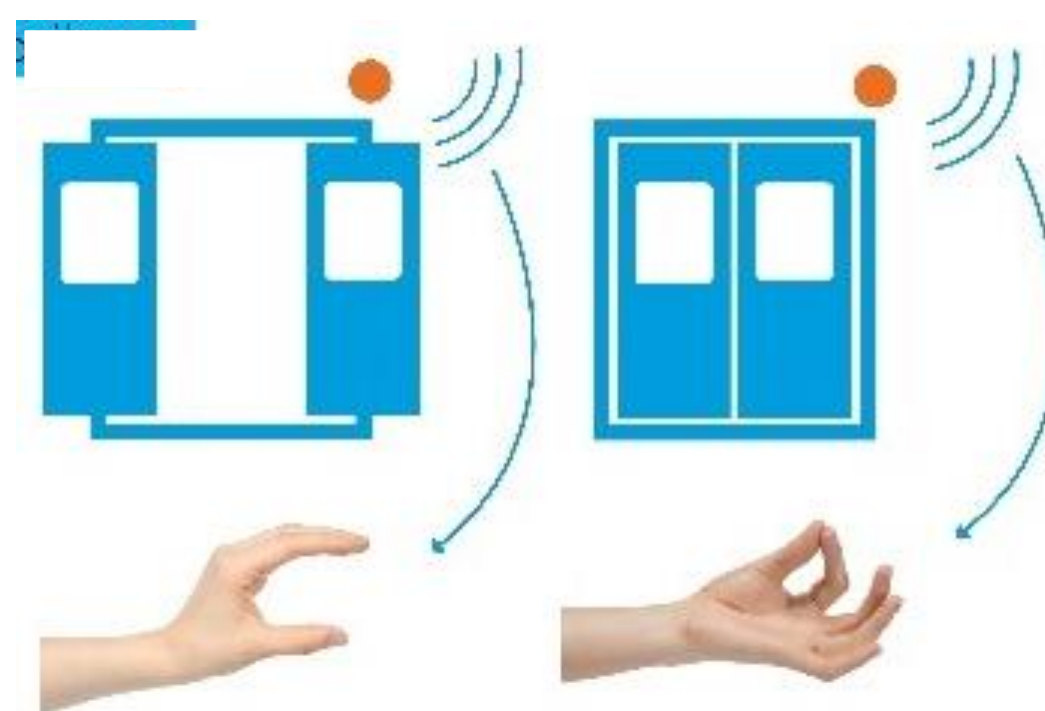
### Areas:

- Intuitive user interfaces in automotive and smart homes
- Underwater communication and localization
- Improved hygiene and security by touchless control and gesture authentication

### Automotive



### Smart home



### Wearables

