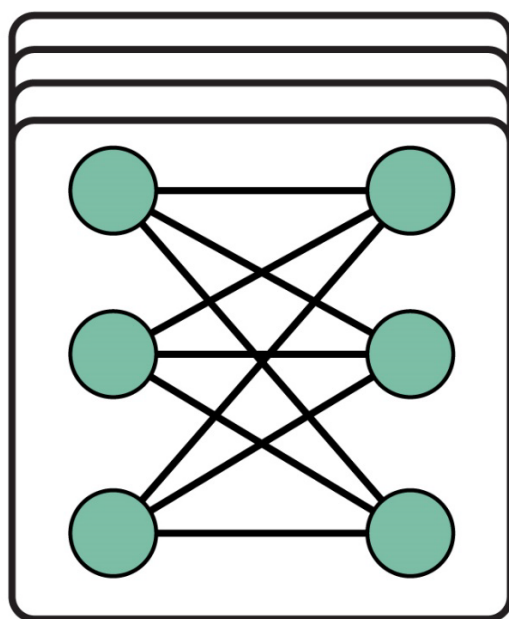


# Technology & Hardware for nEuromorphic coMPuting

- ECSEL Research and Innovation Actions (RIA\*) –



## TEMPO

### Deliverable 6.4 Topology and precision freeze

<b>Work Package</b>	WP 6 – Application Specification and Demonstration
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<b>Responsible Partner</b>	ImecNL
<b>Name</b>	Gert-Jan van Schaik
<b>Contact Information</b>	Gert-jan.vanschaik@imec.nl

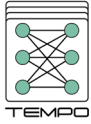
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## 1 Publishable summary

The deliverable D6.4 gives an overview of the chosen neural network architecture per Demo. These architectures are the outcome of the research done in task 6.1.

These architectures will be used as input for task 6.4, the building of the reference design and task 6.3, the building of the demo on hardware created within the Tempo project.

For the following demos, the architectures are described:

Infineon	Gesture recognition
	Keyword spotting
Philips R.	Western food classification
Philips M.	Medical image denoising
aiCTX, University of Zurich, ST Micro electronics	Vibration-based condition monitoring
Bosch	Object recognition
	Sound Event Localization and Detection (SELD)
Valeo DE	SCALA Traffic Object Classification
InnoSent	Parameter estimation for DSP