

A brief survey of the regions Saxony and Flanders

Introduction

The purpose of this note is to briefly summarise the semicon ecosystems in Saxony (BRD) and Flanders (Be) in comparison with Gelderland.

The main discriminators between the three regions are as follows. Saxony has a relatively large large frontend production activity with 3 large fabs and 3 smaller fabs. For Flanders there is the very large RTO on fundamental chip technology IMEC, claiming a unique position as well as a relatively large design community. Gelderland's strong point is the relatively large equipment community.

In the section below the characterisation in numbers is given for the three regions.

Comparison in figures

Size of the region.

	Saxony	Flanders	Gelderland
Area	18.400 km ²	13.600 km ²	5.100 km ²
Inhabitants	4.000.000	6.800.000	2.100.000
Semicon Centres	Dresden, Chemnitz	Leuven	Nijmegen

The value chain.

The tables below are based on the registered members of the regional cluster organisations Silicon Saxony, Flanders Semiconductors and High Tech NL.

Size of the semicon ecosystem.

	Saxony	Flanders	Gelderland
Semicon organisations	79	33	37

Coverage of the value chain

	Saxony	Flanders	Gelderland
Design	24	16	7
Front end	7		3
Back end	5	3	4
Equipment	3	6	11
Services&modules	34	5	8
R&D RTO	6	3	4