

# MIDAS

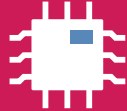
IRELAND

## Growing Ireland's Expertise in Micro and Nano-Electronic Systems



**8,000**

highly professional  
jobs in Ireland within  
broader ICT industry  
(80,000 jobs)



High tech employment  
opportunities in both  
multi billion Euro  
Multinationals and  
niche Start-Ups



**€9 Billion**  
of Export Revenue



**R&D spend**  
= 15% of revenue



**Silicon Europe  
Alliance**

Member with 11  
other industry clusters  
across Europe

**65+**

**Member  
Organisations**

in MIDAS Ireland

MIDAS Ireland 2016

## About MIDAS Ireland

*The Mission of MIDAS Ireland is to "Make Ireland the Heart of European Innovation for Intelligent Electronic Systems Design".*

MIDAS is an industry led cluster consisting of industry, educational, research and government agencies, working together to assist in the development of the 'micro and nano-electronics based systems sector' in Ireland. MIDAS began in 1999 and its aim is to represent the entire value chain, as the industry evolves to deliver combined electronic and software system solutions. MIDAS is a member of Silicon Europe which is an alliance of Europe's leading micro-electronics and nano-electronics clusters. MIDAS is the key enabler of networking opportunities that develop in our industry, as well as enhancing the training of graduates and professional engineers; to make it one of the best industry sectors to work in.



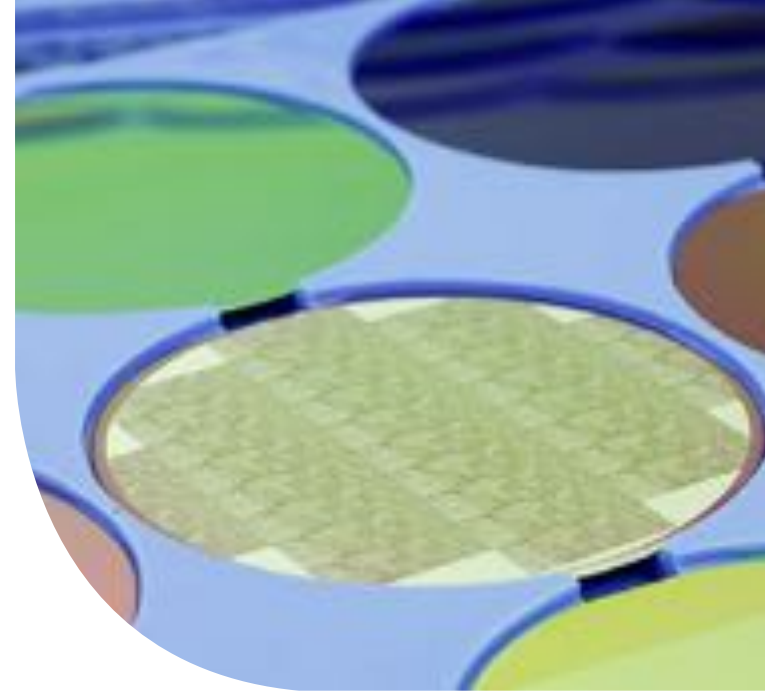
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► **Pictures:** The micro and nano-electronic industry delivers the ultra complex silicon chips that power the devices and systems at the heart of modern society - smartphones, PCs & tablets, auto electronics, wireless systems, medical systems, avionic & space electronics.



[www.midasireland.ie](http://www.midasireland.ie)

## MIDAS for Companies

MIDAS helps create a pipeline of new engineers for companies through the promotion of the micro and nano-electronic industry in schools, colleges and universities. MIDAS liaises with colleges and universities to ensure alignment of 3rd level and 4th level engineering courses with current and future industry needs. For engineers at companies, MIDAS facilitates and sponsors technical and complementary skills training for continuous learning and development. At the macro level, MIDAS provides companies with a channel to lobby state agencies and government on industry needs including skills advancement, Research & Development direction, funding and incentives.

MIDAS Industry Members		MIDAS Academic & Research Members	
AltraTech	Icergi	AIT	LIT
Analog Devices	Ikon Semiconductor	AMID	LYIT
AnaTech Silicon	Infineon	CSIT	NUIG
Arralis	Intel	CIT	NUIM
ARM	Litho Circuits	DCU	QUB
Cadence	Mbryonics	DIT	TCD
Chipright	Microsemi	DKIT	Tyndall National Institute
Cloudium Systems	ON Semiconductor	GMIT	UCC
CW Applied Technology	Parade Technologies	IET	UCD
Cypress	Qualcomm	IT Carlow	UL
Emdalo Technologies	SensL Technologies	IT Sligo	UU Jordanstown
Euro Electronics	S3 Group	IT Tralee	UU Magee
Edalics	Smart Achievement	IT Blanchardstown	WIT
FireComms	Synopsys	IT Tallaght	
Genesis Circuits	Taoglas	MIDAS State Body Members	
Hanna Moore & Curley	Xerenet	Enterprise Ireland	IDA Ireland
Heyday IC	Xilinx		

## MIDAS for Engineers

- Expands the potential for career progression for engineers within Ireland by the development of the micro and nano-electronic industry in the country
- Hosts a forum for networking and co-operation with colleagues across the industry in Ireland
- Provides and facilitates technical, management and soft skills training for continuous career and personal development



▶ Researcher

▶ Design Engineer developing a System-on-Chip



## MIDAS for Colleges and Universities

- Guides colleges and universities on course development to ensure alignment with future industry needs
- Facilitates links between colleges/universities and companies in R&D, student industry placement and sponsorship
- Co-operates on promotion of the micro and nano-electronics discipline through 3rd level project competitions



▶ MIDAS sponsored undergraduates attending microelectronics course by renowned Stanford University Professor Murmann at University of Limerick

## MIDAS for 2nd level Schools

- Sponsors and supports 2nd level technical competitions and events
- Provides teaching material and labs for electronics in schools



▶ MIDAS sponsored Confey College, Kildare came 3rd (of 14) in the CanSat European Final in Portugal

## MIDAS for Primary Schools

- Engages with primary schools to create the first spark of interest in kids for electronics



▶ MIDAS visit and technical demonstrations to 6th class, St Catherine's National School, Dublin