

# Intel Ireland Ltd/ Fraunhofer Institute (IISB) Integrated Systems and device Technology

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Ger O'Keeffe  
Manufacturing Technology Research  
Intel Ireland Ltd.

# Intel Ireland Campus

5,500 direct & indirect employees,  
3.7 million sq foot of buildings!

Ireland Fab Ops



FAB24



FAB10

FAB14

FAB24

FAB24-2

## Technology

0.350 $\mu$	Logic
0.250 $\mu$	Logic
0.180 $\mu$	Logic
0.130 $\mu$	Flash
0.090 $\mu$	Logic
0.065 $\mu$	Logic

# Project Idea...."Beyond Lean Manufacturing "

## (NMP-2007-4.3.1-1)

- Definition and evaluation of how 'Beyond Lean' Manufacturing best known methods can be implemented in today's 'High Tech' Manufacturing Industry.
- Evaluation of how Beyond Lean Manufacturing can impact Factory cycle time resulting in lower manufacturing cost.

## Main Project Drivers

- Lean Manufacturing was a leap in the early 90s – need to proactively define where to go from here and how we get there in terms of advancing Europe's Manufacturing industry.
- Reduction of manufacturing costs due to creation of factories that run more efficiently.



# Details

- Duration (medium term project; 3yrs – results needed to support existing manufacturing sector)
- Partners: Manufacturers (IC and 'High Tech'); Academia ; Research institute
- Budget: 3 – 5 Million Euro



