ODE4EC-CES
Chips for Every Student

Presentation at the Session on the Chips 2026 Calls on Skills

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Open Design Environment for European Chips (ODE4EC) **initiative**

https://ode4ec.eu

EUROPEAN PARTNERSHIP

Vision

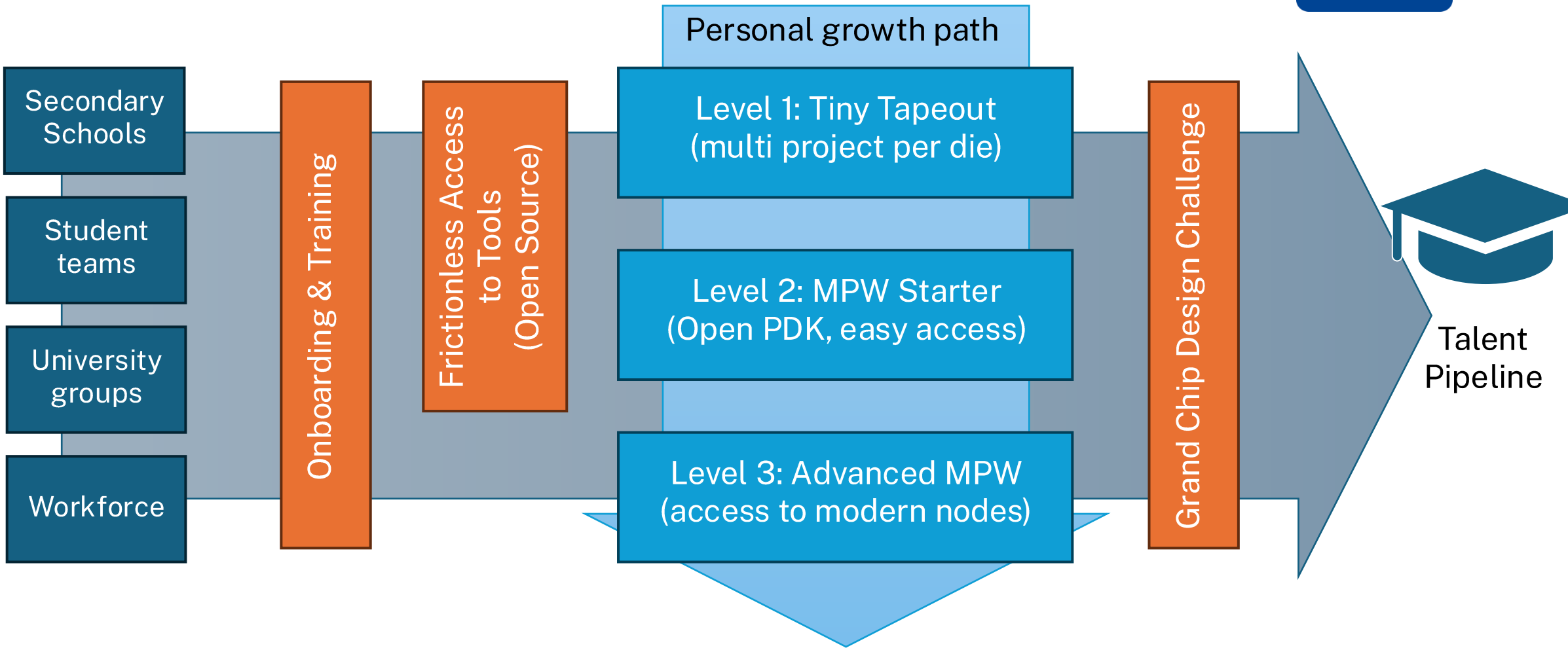
We want to widen the funnel of talent

- Universities that currently do not have IC Design experience
- Students from adjacent fields
- Reach high-school students before decision for field
- Re- and upskilling

Newcomers require ***frictionless*** access to chip design

- Base activities on open source: tools, design IP and PDKs
- Make it very easy to use, gamification
- Generate excitement, stimulate the talent pipeline

Targeting Thousands of Students



Outreach and Training

Main challenge: reaching people that will benefit

- High schools are especially challenging, need local support
- Simplify/gamify the experience to reach high school kids
- Mix of Competence Centers, groups already active in outreach
- Good geographical distribution

Key point: *frictionless* access to tools and technologies

- Can not reach 100s of universities and high schools with proprietary solutions

Still activities with proprietary solutions

- Most of Level 3 and also some at Level 2

Partner & Network Discussions

ODE 4 EC

Lead

HM Hochschule München University of Applied Sciences

The FOSSi Foundation.

Technical Core

Fraunhofer IIS

CIME-P

BSC Barcelona Supercomputing Center Centro Nacional de Supercomputación

TU/e EINDHOVEN UNIVERSITY OF TECHNOLOGY

Chips-IT

JKU JOHANNES KEPLER UNIVERSITÄT LINZ

ihp

Network, Outreach & Training

infineon

ST life.augmented

semi

amu

OSRAM

GESELLSCHAFT FÜR INFORMATIK

DTU

POLITECNICO MILANO 1863

Politecnico di Torino

POLITÉCNICA

CHIPTECH TWENTE

mesap

TU Graz

KIIP

INESCTEC

More Students

More Chips

What we are looking for

Strong Technical Core Team forming already

- FTEs for key technical tasks (packaging, logistics, administration)
- Currently identifying gaps

Network, Outreach and Training

- Modest contribution to support regional activities
- Several strong partners committed
- Will grow to get better coverage across EU
- Currently strong in AT, DE, ES, FR, IT, NL
- Want to cover more countries and types

Thank you for your attention!

Get in touch!

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