



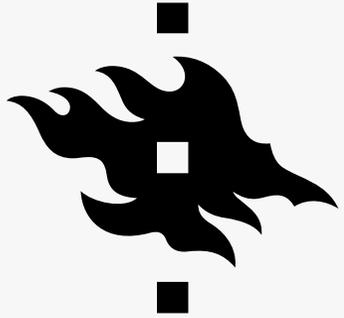
DOCTORAL EDUCATION FOR THE FUTURE

IDENTIFYING THE DRIVERS AND NEEDS FOR
DEVELOPMENT

HELSINGIN YLIOPISTO
HELSINGFORS UNIVERSITET
UNIVERSITY OF HELSINKI

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THE QUESTION

How are contemporary megatrends affecting the skills needed for successful doctoral careers both inside and outside the academia?

How should doctoral training respond to these demands?



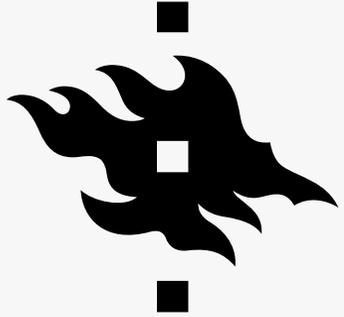
THE PROCESS x2

1) UNIVERSITY OF HELSINKI STRATEGY FOR 2021-30

- environmental analysis: on-line platform, thematic workshops
- strategic choices

2) "NAVIGATING A NEW GENERATION PHD TRAINING"

- a project carried out in cooperation with [Demos Helsinki](#)
- survey for doctoral candidates
- co-development workshops with academic & professional staff, doctoral candidates, external stakeholders

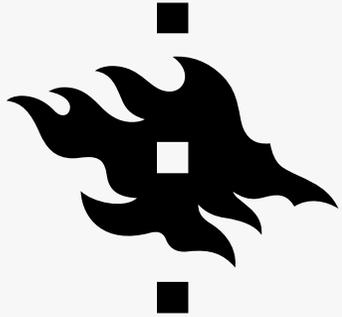


OPERATIONAL CONTEXT

DIGITAL TRANSFORMATION OF KNOWLEDGE

FAST-PACED TECHNOLOGICAL AND ENVIRONMENTAL CHANGE

CHANGING STRUCTURES OF WORK



Operational context



SKILLS TO MATCH

Digital transformation of knowledge

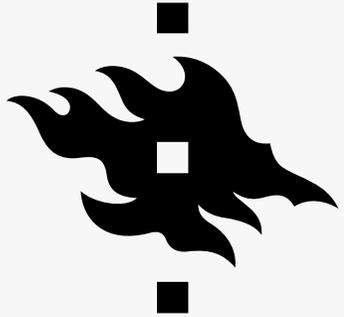
- **HIGH-LEVEL COLLABORATION & COMMUNICATION SKILLS ACROSS MULTIPLE PLATFORMS AND KNOWLEDGE COMMUNITIES**

Fast-paced technological and environmental change

- **BASICS OF AI & SUSTAINABLE DEVELOPMENT FOR ALL**

Changing structures of work

- **ENTREPRENEURIAL KNOW-HOW**



HOW TO RESPOND?

- Structured training included in the doctorate
and/or: self-motivated personal development?
 - Integrated in the curriculum / embedded in the research work
and/or: on-demand skills-training as a service?
 - Lead and designed by the academic supervisors
and/or: designed and taught by professional experts?
- + Is there a need/demand for similar re-/upskilling (staff training) of the more senior researchers (supervisors)?



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