

Operační program
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ESIF AS A CHANGE DRIVER

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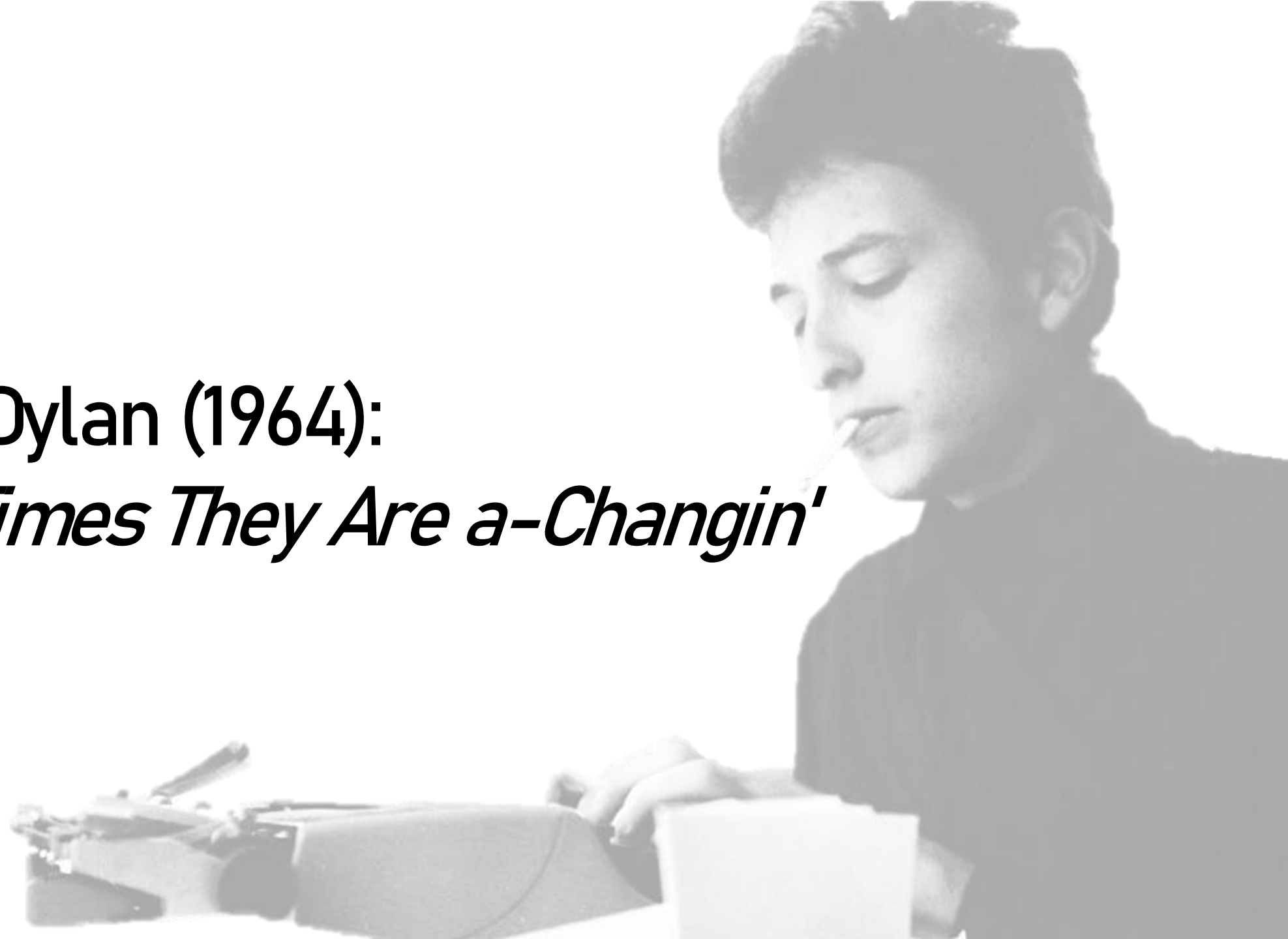
OPJAK.CZ
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**What is the undoubtable evidence
that TIME exists?**

Bob Dylan (1964):

The Times They Are a-Changin'



PARADIGM (CHANGE)

POLITICS / POLICY (CHANGE)

ME (-CHANGE)

Green & Digital
Transition

EU+MS Legislation
& Strategies

Self-, Administration

Politics Performed

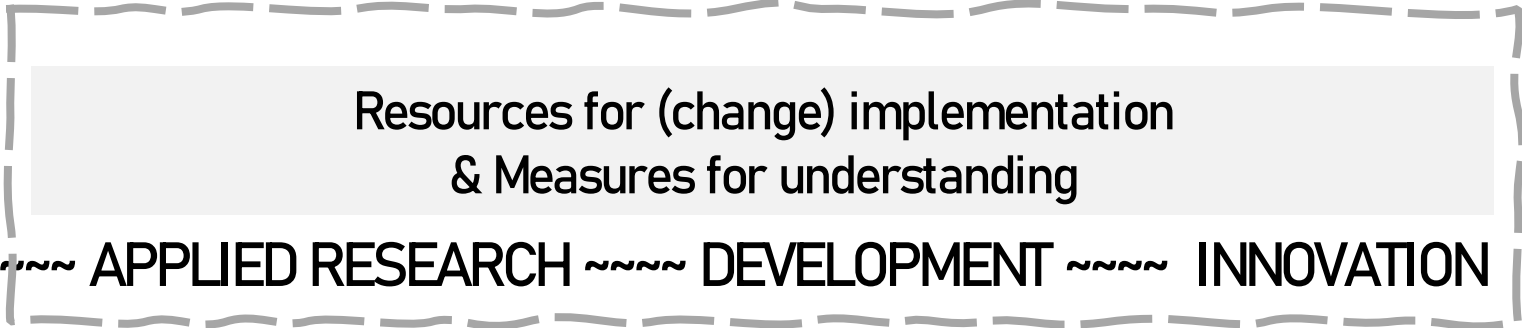
Policy Executed

WTF?

Best Practice

Everyday Example

Beneficiaries (of Change)



Popper's Falsification

Evidence

Implementation

Feed Back

≠ SHAKE ≠

= System Cultivation =

PARADIGM (CHANGE)

POLITICS / POLICY (CHANGE)

ME (-CHANGE)



≠ SHAKE ≠

= System Cultivation =

Opportunity-Creating Innovation

PARADIGM (CHANGE)

POLITICS / POLICY (CHANGE)

ME (-CHANGE)

Green & Digital Transition

EU+MS Legislation & Strategies

Self-, Administration

Politics Performed

Policy Executed

WTF?

Best Practice

Everyday Example

Benefitaries (of Change)

Resources for (change) implementation & Measures for understanding

BLUE-SKY-RESEARCH

APPLIED RESEARCH

DEVELOPMENT

INNOVATION

Popper's Falsification

Evidence

Implementation

Change Driver

≠ SHAKE ≠

= System Cultivation =

First-Aid Innovation

1. INCLUSIVE EDU REFORM

- Judgment of the ECtHR, CZ vs. D. H. (2007)
- In force from 2015
- individual supporting measures for each child, mandatory re-diagnosis, new role of counselling

CLAIM MEASSURES

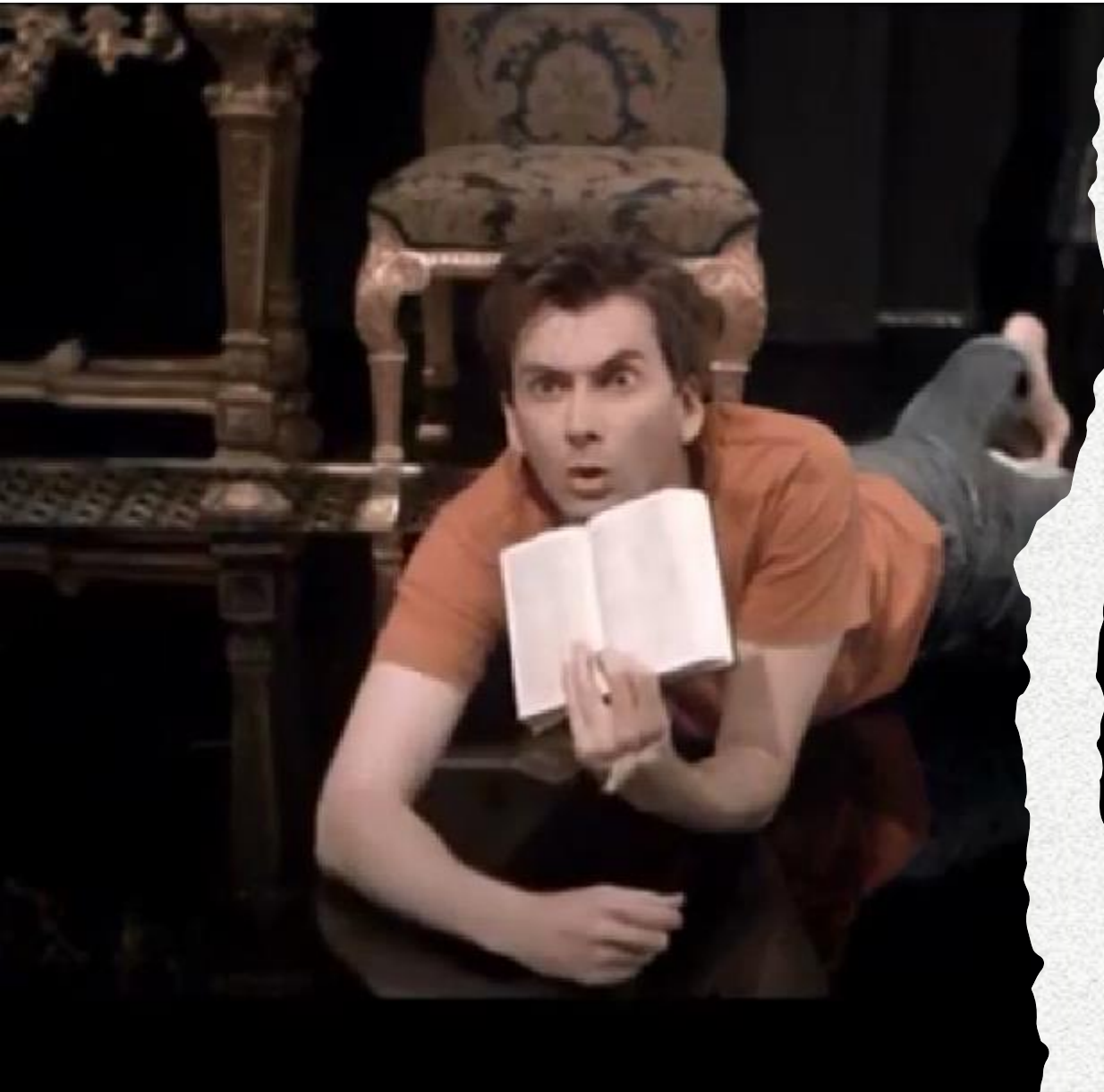
set up by counselling bodies
regulated by Decree
go to concrete pupil
cca **368 M** EUR a year

MEASURES BY ESIF

chosen by school director
regulated by OP WV / OP JAK
go to environment or other stakeholders
cca **103 M** EUR a year; 80 % schools are in

- New position of the social pedagogue in the law; systemic changes of assistant definition, from 2025/2026 new budgetary matrix for psychologues and spec. pedagogues

2. EDU DIGITALISATION



*What do you read,
my Lord?*

*Words, words,
words.*

- DIGI as a Help, Cover, Scarecrow, or Opportunity?
- C19: everyone thrown into water:

THANKS TO C19 OR BECAUSE OF C19?

BOTTOM – UP

spontaneous

self-help

solidarity (horizontal, vertical)

schools, NGOs

TOP – DOWN

planned, timed

legislation, method.

training, advisory

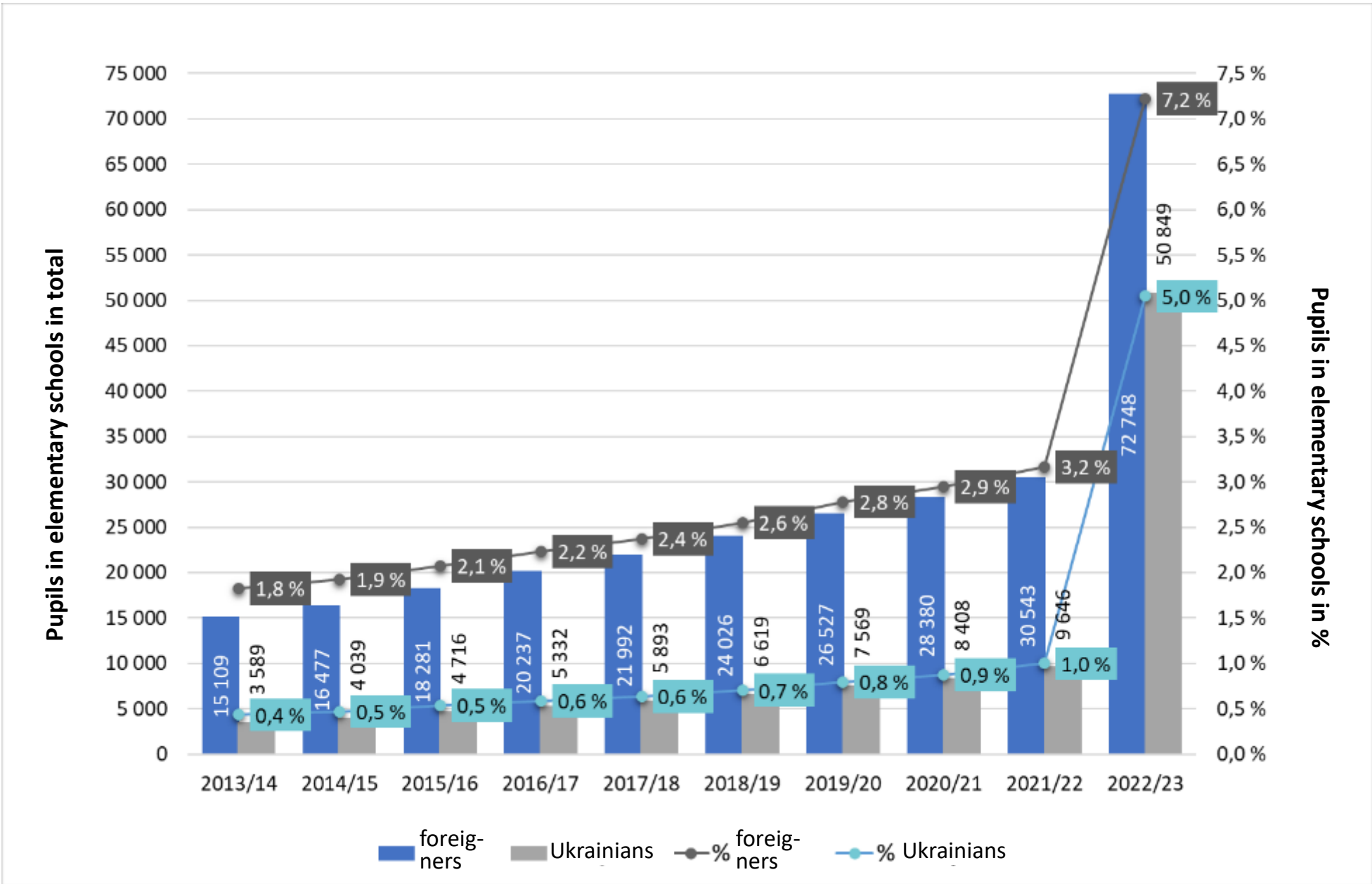
self-/admin. bodies

- IF YOU HAVE TO, YOU HAVE TO (remote, support, financial resources) = innovative environment
- Regardless of resources, cca 1.5 pieces of equipment purchased for 1 pupil
- Side Effect: Do you really know your kids? And their education?
The prestige of the teaching profession increased.

3. RUSSIAN AGGRESSION AGAINST UKRAINE

- cca 120k children in school age = more than one whole CZ population year;
- 68k children enrolled only - where is the other half?
 - Returned to UA? („waiver of status“ or traveling out not possible to register);
 - Not enrolled while using online UA curricula? (against the CZ law);
 - Fear of assimilation? Hope in soon return?

| | UA pupils 2021/22 total | UA pupils 2022/23 total | in that temp. prot. statut | UA pupils 2022/23 vs. 2021/22 | UA pupils to all pupils 2022/23 % |
|--------------|-------------------------------|-------------------------------|-------------------------------|--|--|
| kindergarten | 3,053 | 10,718 | 6,904 | + 7,665 | 2.9 % |
| elementary | 9,646 | 50,849 | 39,478 | + 41,203 | 5.0 % |
| secondary | 3,112 | 7,062 | 3,457 | + 3,950 | 1.5 % |
| IN TOTAL | 15,811 | 68,766 | 49,927 | + 52,913 | |



INDIVIDUALS, CIVIC SOC., NGOs

- spontaneous, flexible;
- very fast mobilized; social media
- the very first help for individuals;
- limited in time and scope (volunteers' capacities);
- ad-hoc and ad-personam perspective.

Mainly on railway stations, ad-hoc food support and accommodation, help with the first „papers“, support to the very first orientation.

+ HELP

MUNICIPALITIES, REGIONS, HEIs, ...

- planned, still fast, legislative context enables „common measures“;
- broader impact on groups of refugees in concrete area;
- co-ordination, using current capacities;
- mid-term perspective.

Mainly accommodation capacities (schools, hotels, hostels), coordinated food/health/social aid with local stakeholders

+ ENSURE

STATE

- systematic impact and long-term perspective;
- long legislative process;
- aim: (1) to legalize the current situation, (2) to enable further legal development;
- cross-ministerial + -sectoral approach needed.

Crisis management at several levels, setting up measures needed in the area + in the state interest.

+ GUARANTEE

Statut-Quo Questioning
Hic-et-Nunc Solutions & Petrification

4. R&D POLICY' CHALLENGES BEING SOLVED BY NTL

Centralisation of the EIR Purchase (IPs OP VV)

- 2017–2022, 40 M EUR
- centralized provision of contractual relations for all research organizations,
- methodological assistance; ERMS and CELUS systems
- increasing performance and effectiveness of R&D&I thanks to a systemic change
- significant saving of public resources (administration and negotiation power)

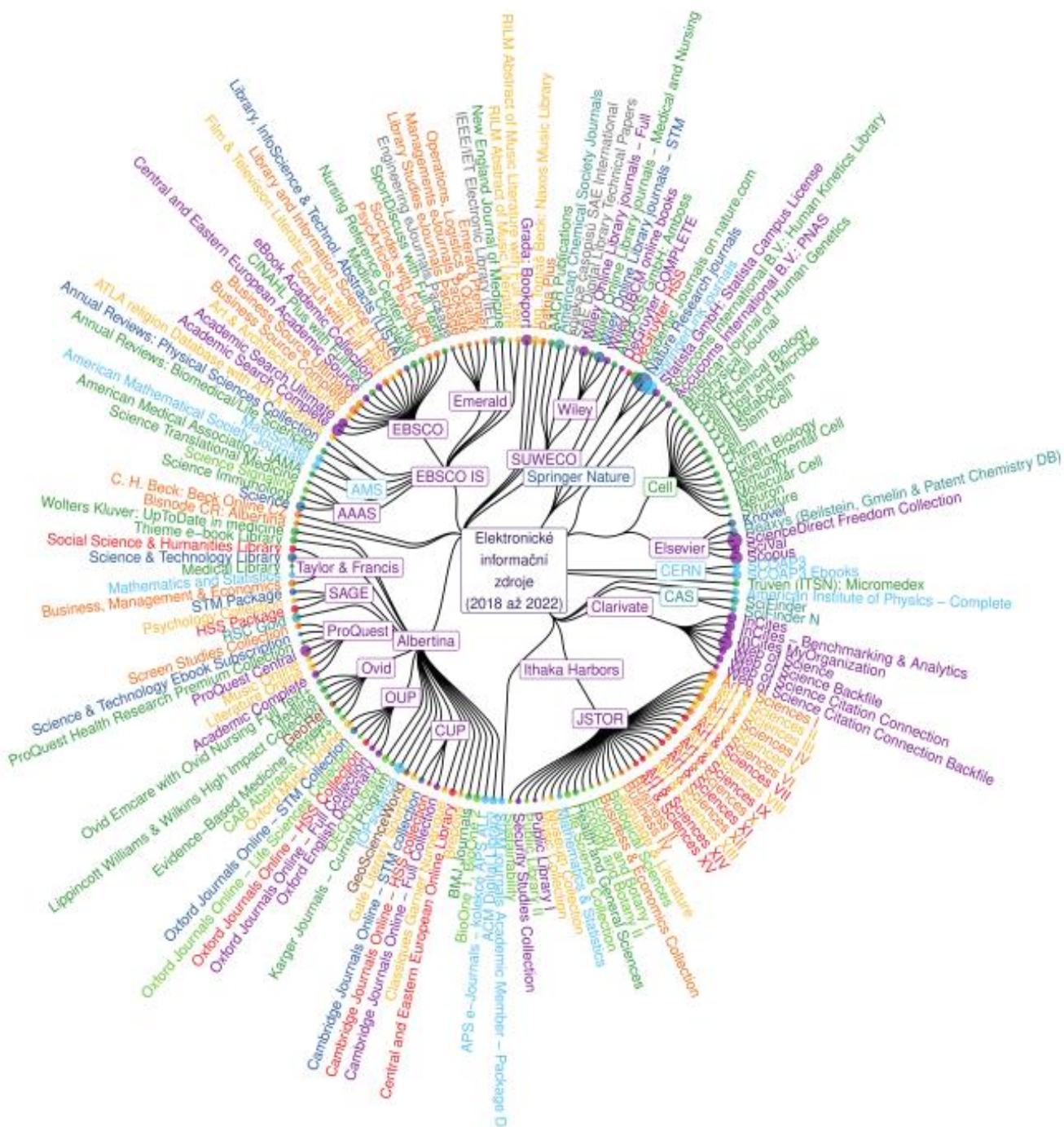


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Přehled elektronických informačních zdrojů (EIZ) pro široké spektrum vědních oborů, které byly pořízeny v rámci projektu CzechELib v letech 2018 až 2022

Dendrogram je rozčleněn podle dodavatelů a vydavatelů, jejichž názvy jsou uvedeny v rámečcích u příslušné větve. Velikost bodů je dána počtem členských institucí odebírajících konkrétní EIZ.



Vědní obor

- multidisciplinární
 - STEM* multidisciplinární
 - matematika, fyzika, informatika
 - chemie
 - biologie a medicína
 - biologie a environmentální vědy
 - vědy o Zemi
 - SSH** multidisciplinární
 - společenské vědy
 - humanitní vědy
 - technologie
- * STEM – přírodní a technické vědy, matematika
 ** SSH – společenské a humanitní vědy
- Graf byl vytvořen v R pomocí knihovny ggraph.
 Zdroj: CzechELib / Národní technická knihovna

CARDS Project (IPs OP JAK)

- 2023–2028, 59 M EUR
- Creation of a unified environment for sharing and effective management of information resources
- Participating in the data-oriented components of the „Open Science“, esp. Open/FAIR Data and EOSC

EOSC CZ Project (IPs OP JAK)

- 2024–2028, 18 M EUR
- Creation of a common background for the implementation of data-oriented components of CARDS

3 further OP JAK calls for research organisations for Open Science (thematic clusters, iron, trainings)



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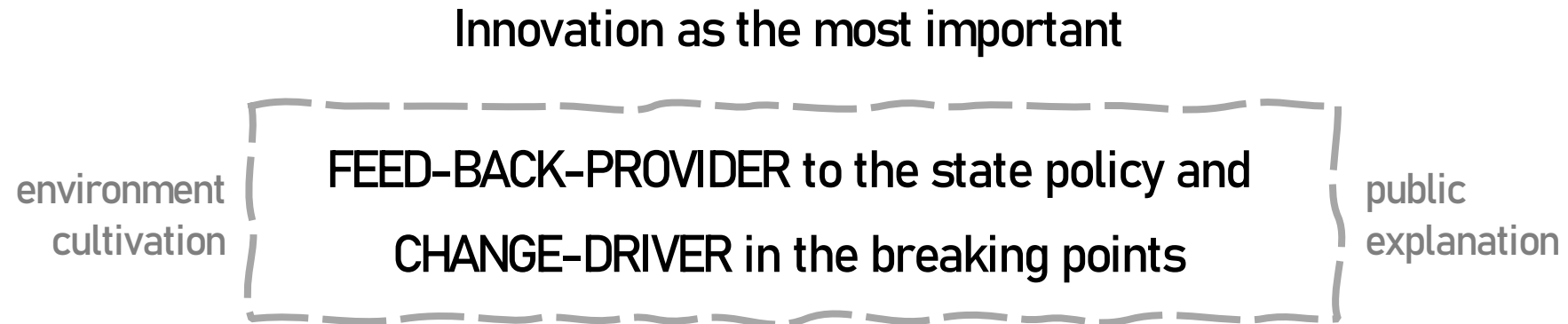


TO SUMM UP

In Czechia, without ESIF, there would be no:

- Implementation of inclusive education reform
- Digital Education Equipment
- All-kind help to Ukrainian children and parents, teachers and society as such
- Testing potential reforms in the organization and staffing of regional schools
- Large Research Infrastructures
- HR award and management quality of research organizations
- Return grants after parental leave
- Implementation of the amendment to the Higher Education Act
- Change in the innovation environment in regions (RIS3)
- Centralization of the Electronic Information Resources purchase (EIZ)
- Implementation of the Open Data and the Open Science paradigm
- Improvement of stakeholders' cooperation = fertilization of the innovation soil
- ...

- high-cost and risky projects that the state budget would never accept;
- paradigm changes as part of the 21st century, conceptual EU transformations, global challenges;
- synergy and complementarity of financial resources ([Prague Declaration](#) of the CZ PRES); gradual adoption of financial schemes into public budgets;
- How to prepare the system, environment, institutions, users and other stakeholders?



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EVERY STEP MAY BE IN ^{NOVATIVE}

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