

What can we learn from Portugal and other countries?



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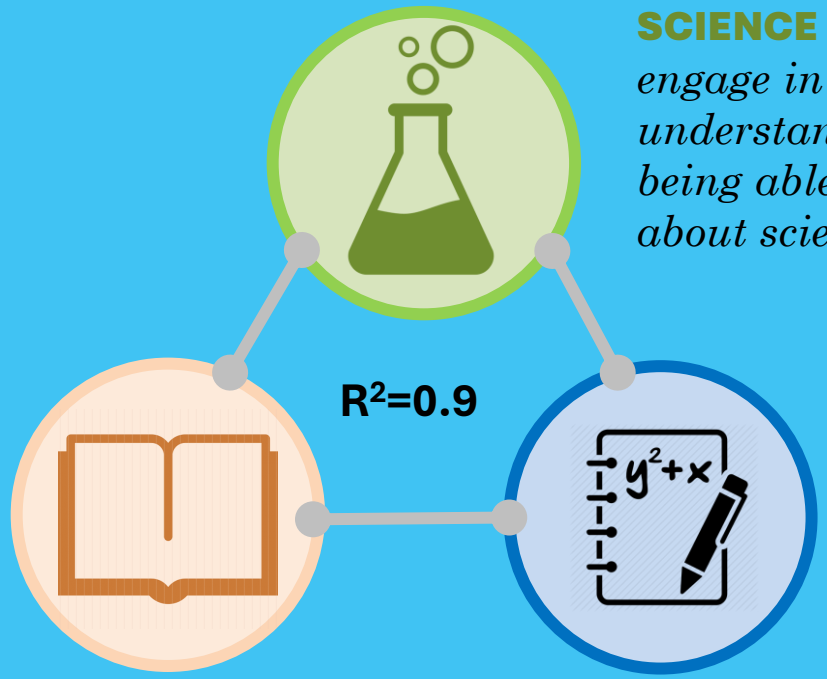
João Marôco (Portugal)
Gunda Tire (Estonia)
Aidan Clerkin (Ireland)
Pernilla Jonsson (Sweden)

What is PISA?

Programme for **I**nternational **S**tudent **A**ssessment

"Measures 15-year-olds' ability to use their reading, mathematics and science knowledge and skills to meet real-life challenges". *(OECD, 2022).*

READING LITERACY *An individual's ability to understand, use, reflect and engage in the reading of written texts to achieve their goals, to develop their knowledge and potential, and to participate in society.*



SCIENCE LITERACY *An individual's ability to engage in questions about science and understand scientific ideas, as a reflective citizen, being able to participate in a rational discourse about science and technology.*

MATH LITERACY *An individual's ability to formulate, apply and interpret mathematics in diverse contexts and to formulate judgments and decisions in a reasoned manner, as a participatory, committed and reflective citizen.*

PISA 2022 World Literacy

81 Countries

690 k Students

31% did not reach basic Math proficiency levels

25% did not reach basic Reading & Science proficiency levels



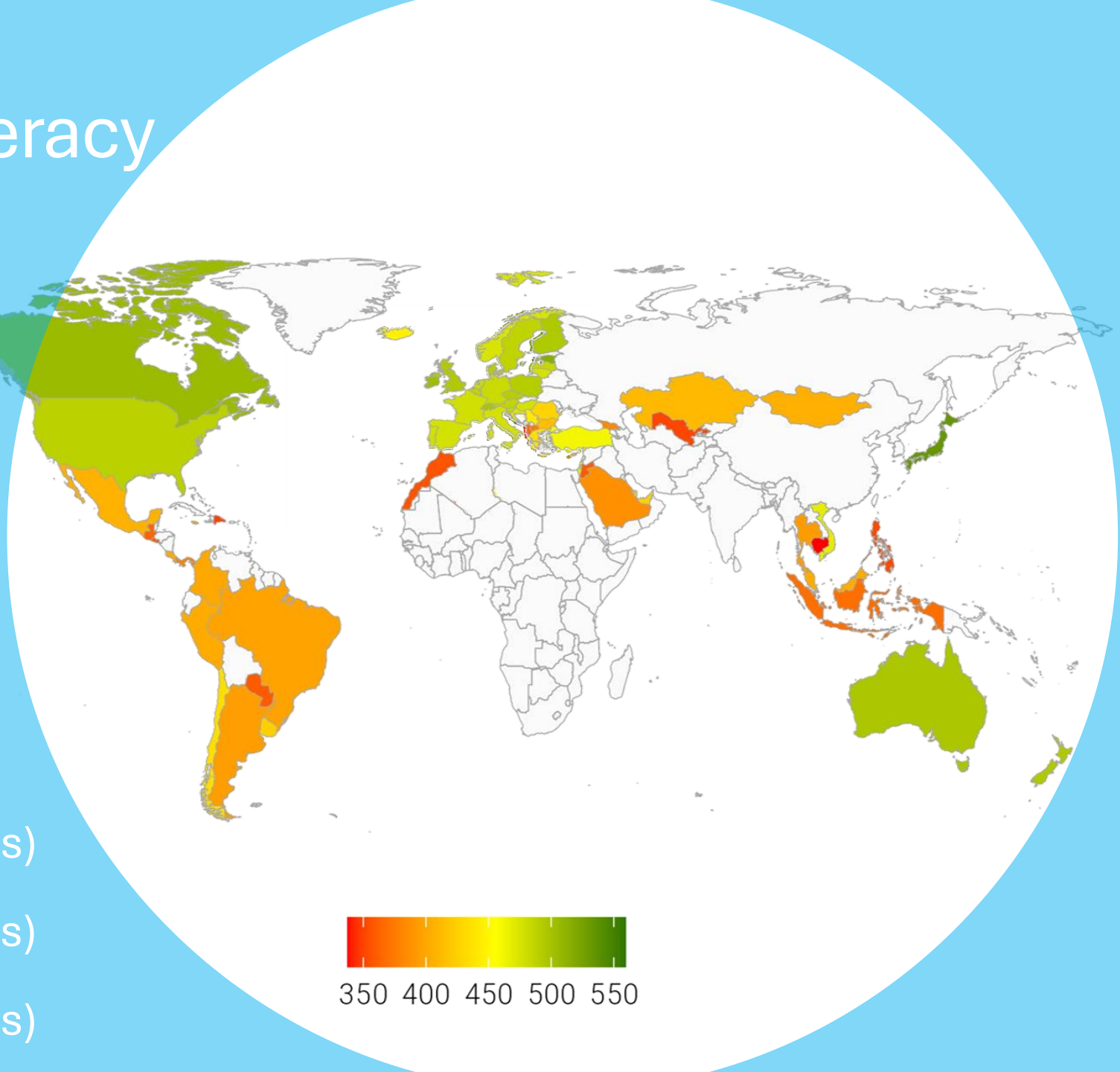
PISA 2022 World Literacy

TOP 3

1. **Singapore** (560 points)
2. **Macao** (535 points)
3. **Taiwan** (533 points)

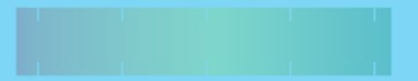
BOTTOM 3

79. **Kosovo** (351 points)
80. **Dominican Rep.** (350 points)
81. **Cambodia** (337 points)



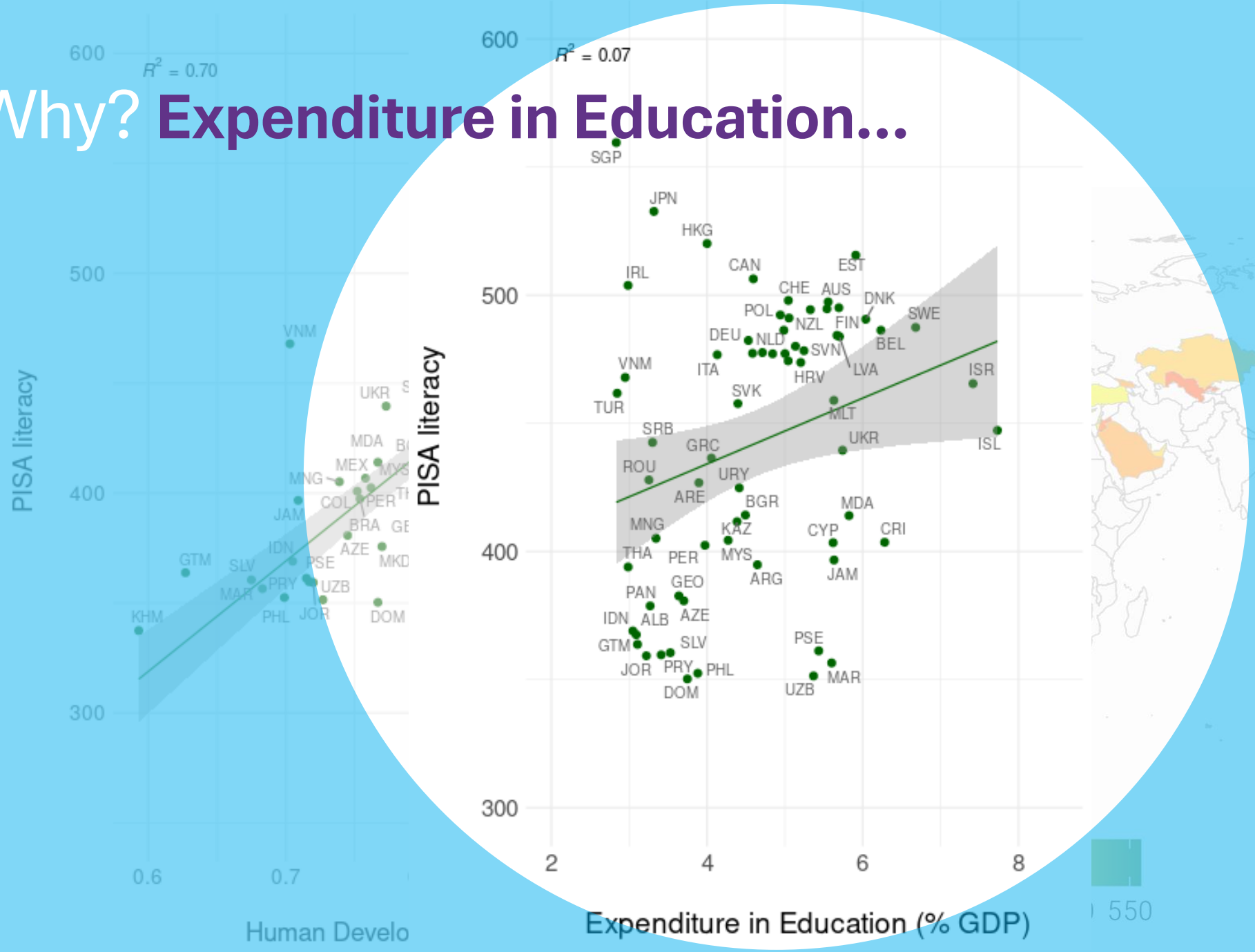
Why? **Human Development...**



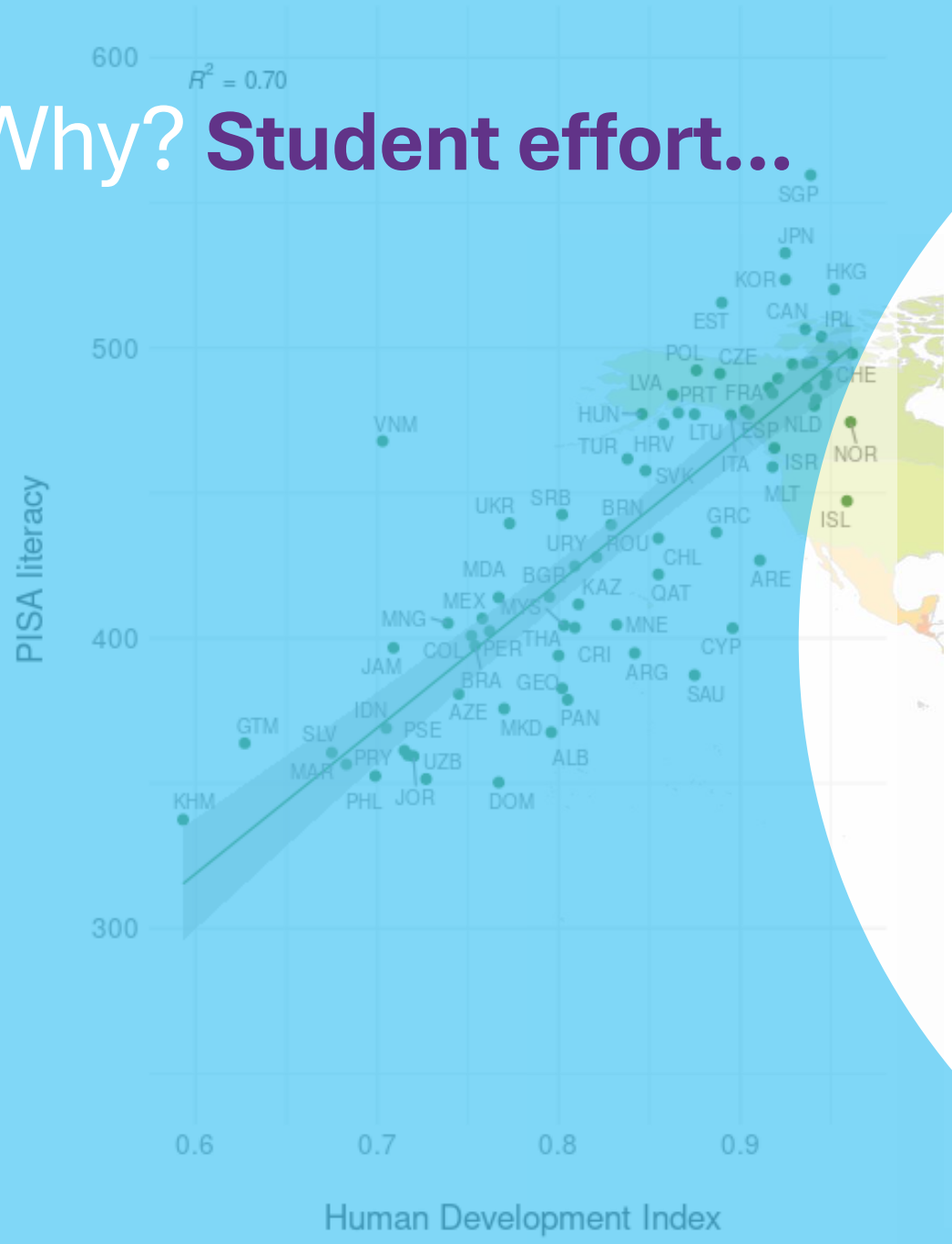


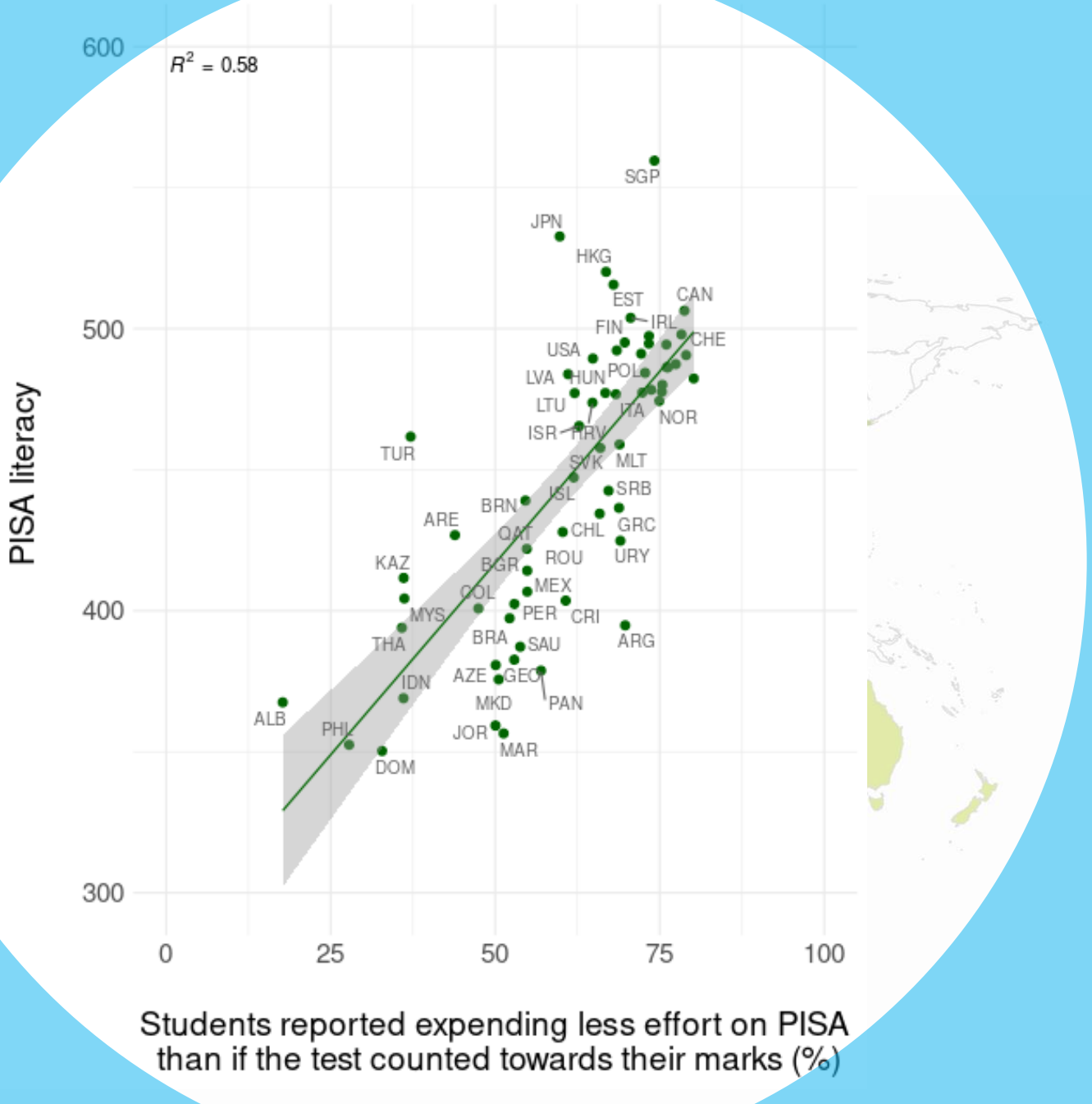
350 400 450 500 550

Why? **Expenditure in Education...**



Why? **Student effort...**



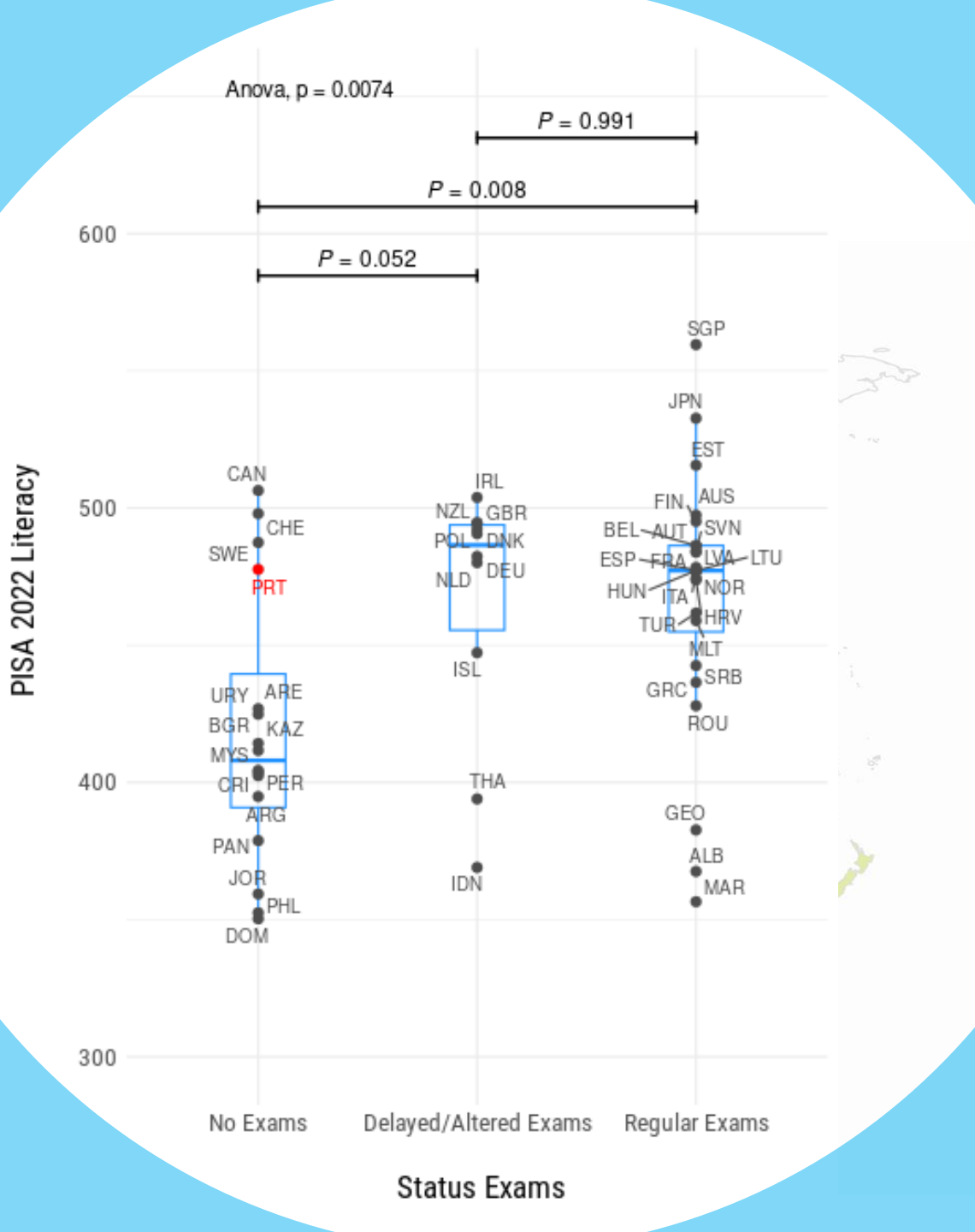


Why? **Family Economic and Socio-Cultural Status**

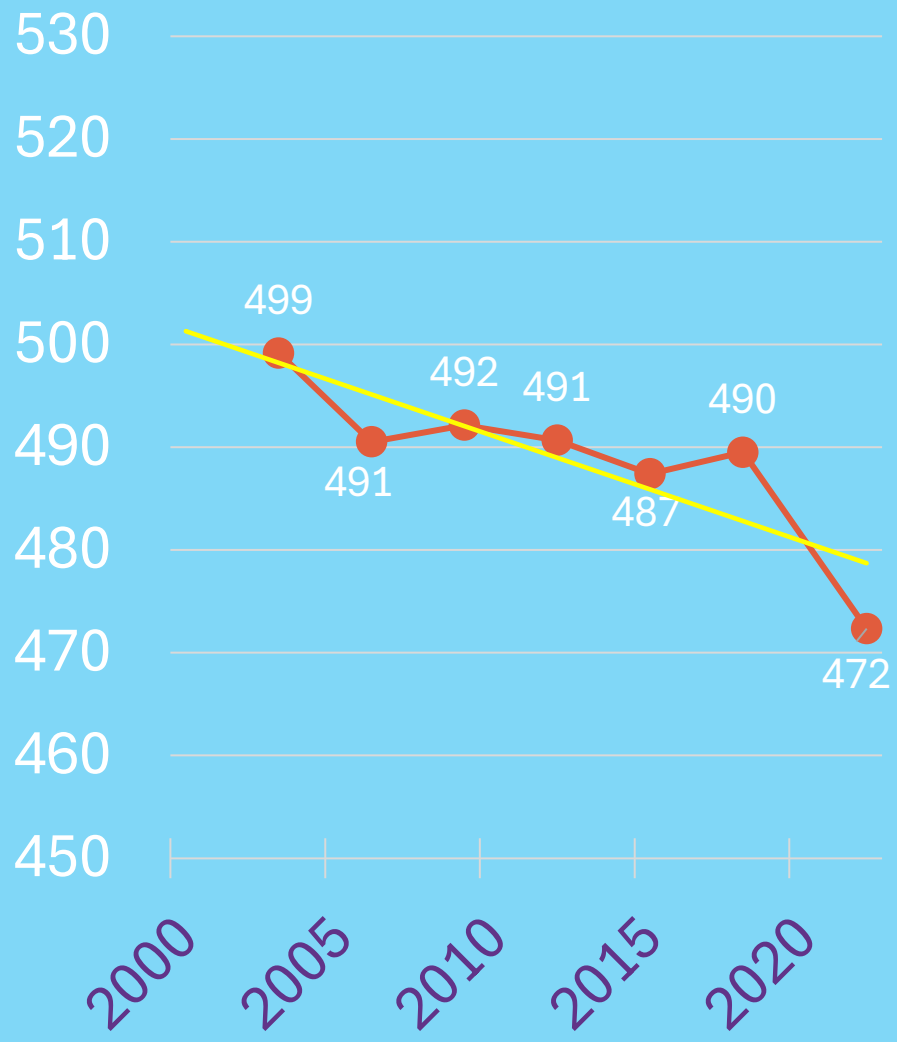


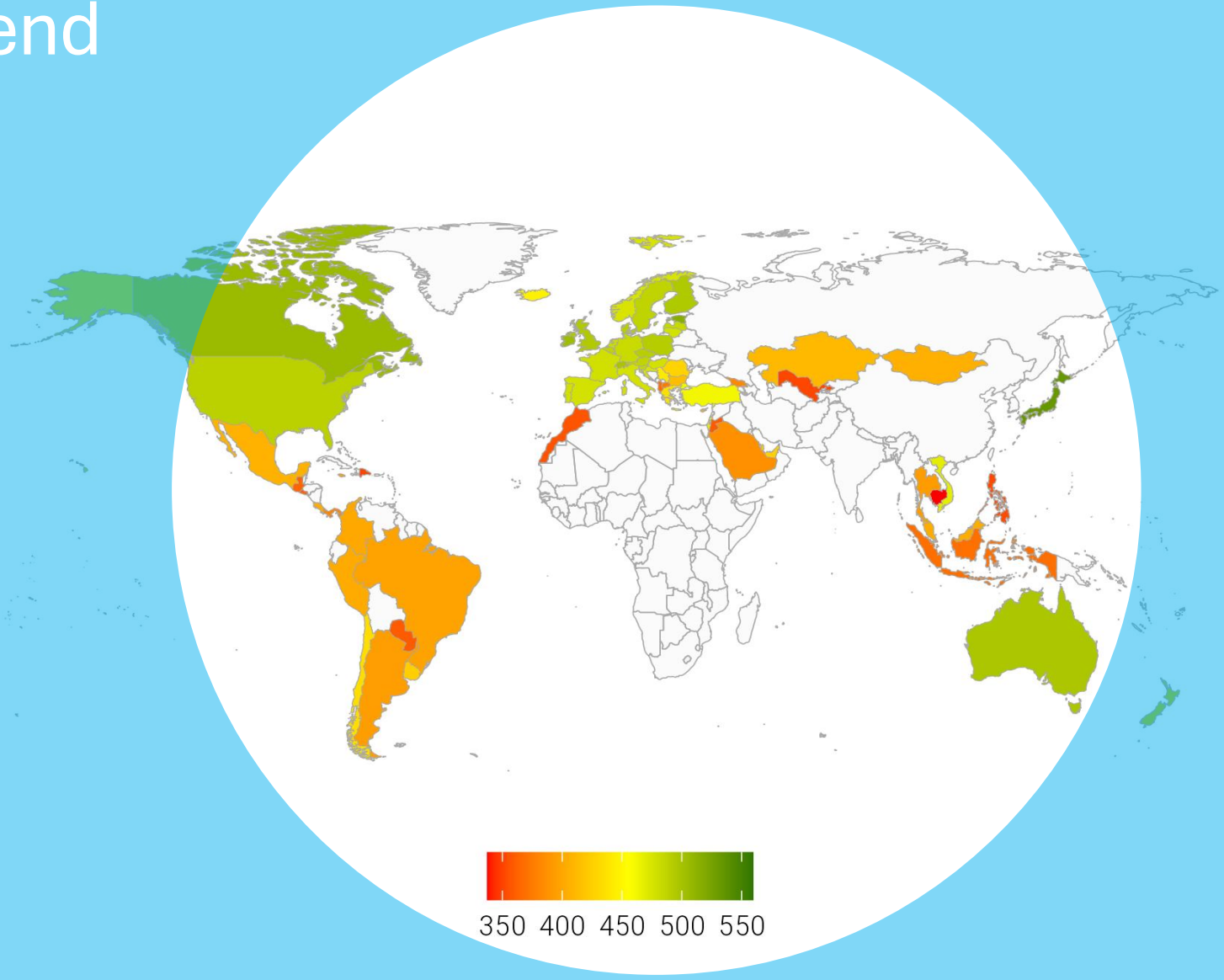
Why? **System Accountability...**





PISA OECD Literacy Trend





PISA 2022 Europe Literacy

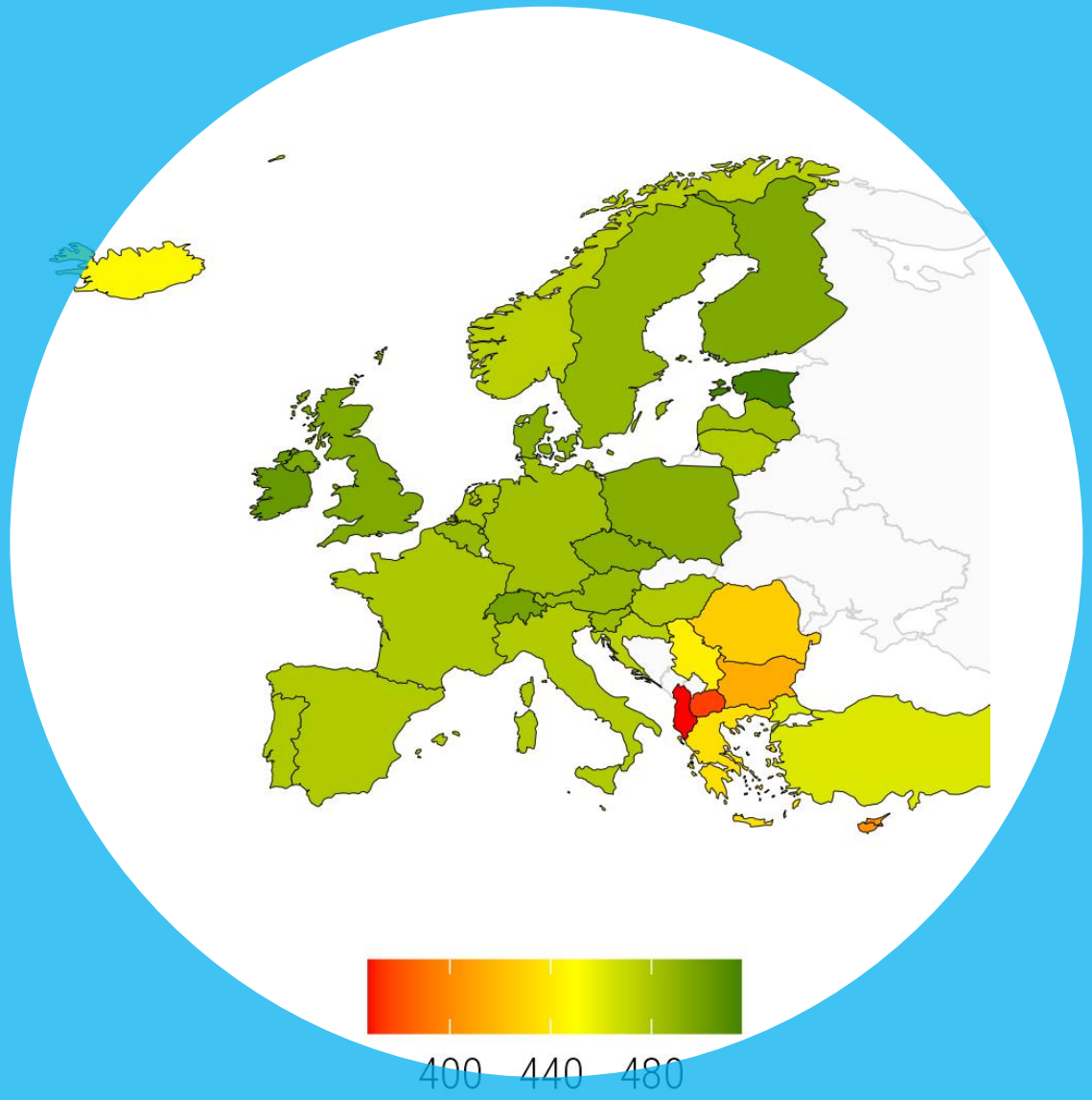
EUR 471 points non-EUR 424 points

TOP 3

7. Estonia (516 points)
9. Ireland (504 points)
10. Switzerland (533 points)

BOTTOM 3

45. Romania (428 points)
49. Bulgaria (414 points)
70. Albania (368 points)

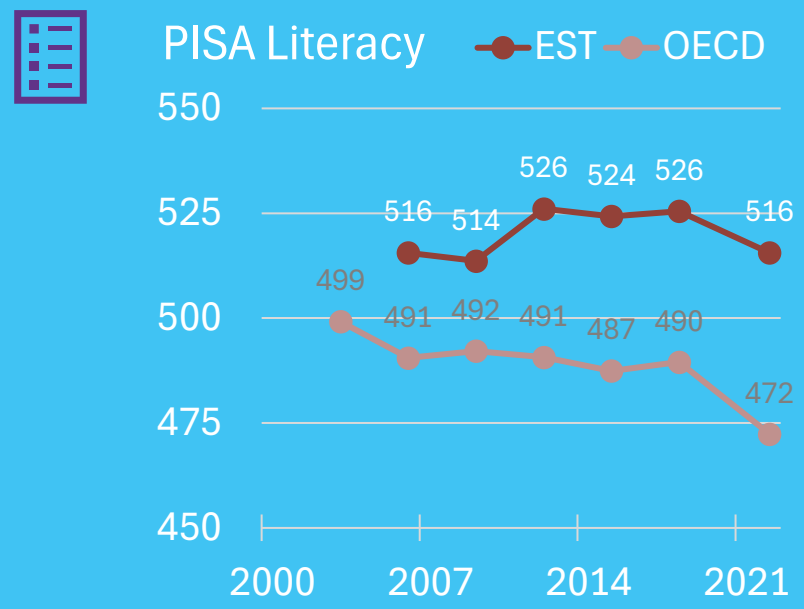


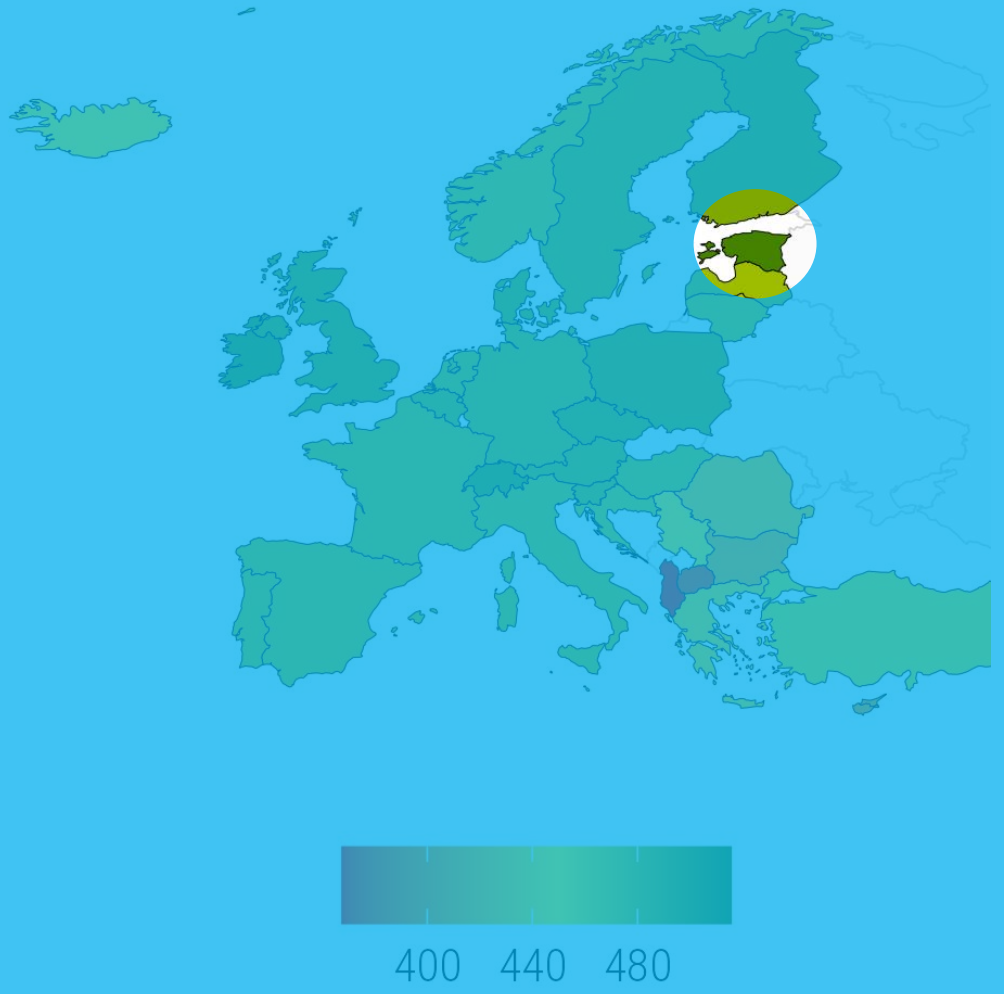
Estonia (2022)

1.35 million

38.1 billion

5.9% GDP



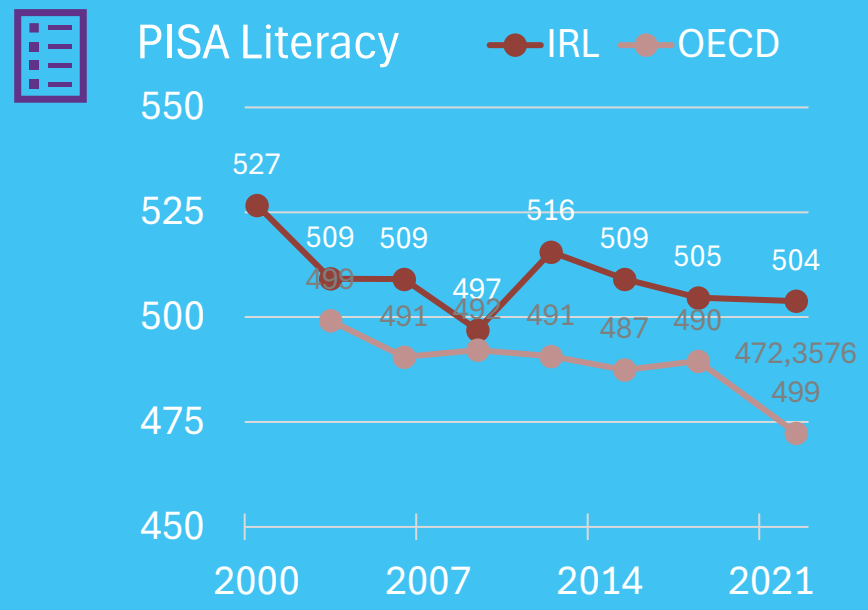


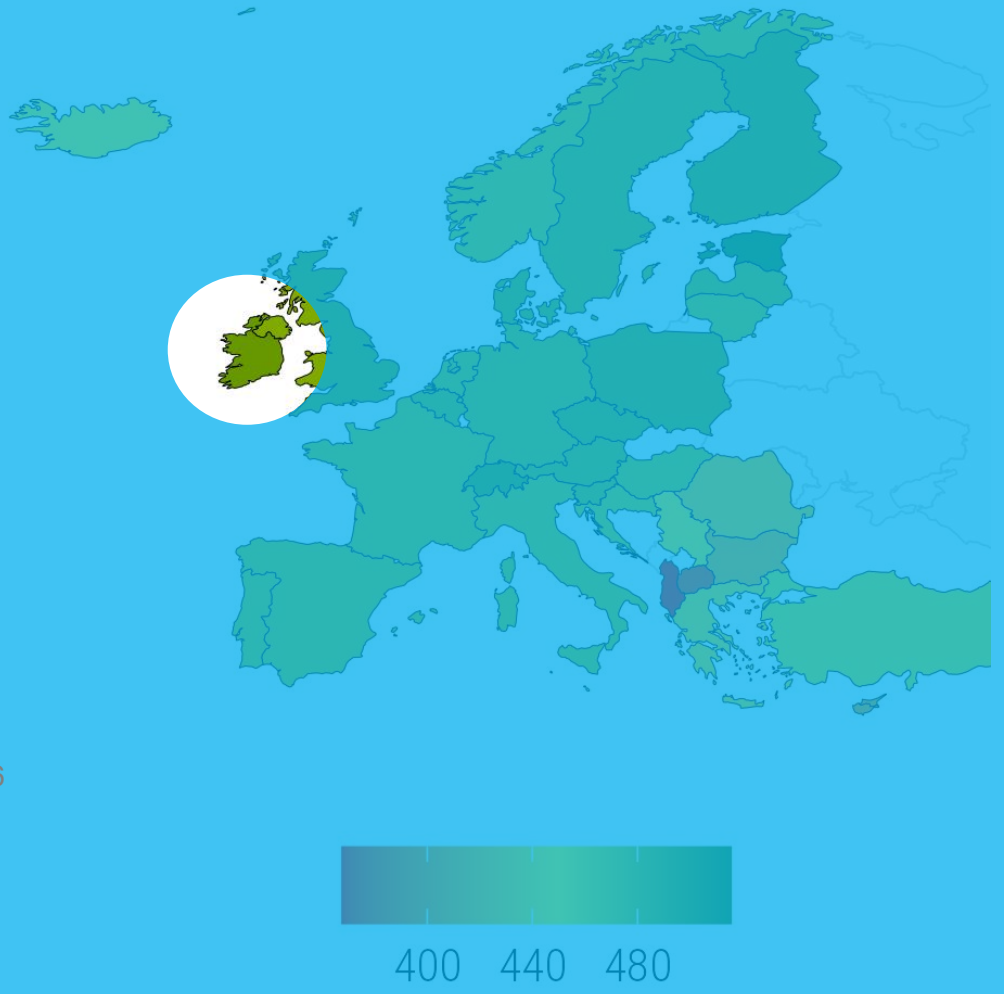
Ireland (2022)

5.13 million

533.1 billion

3% GDP



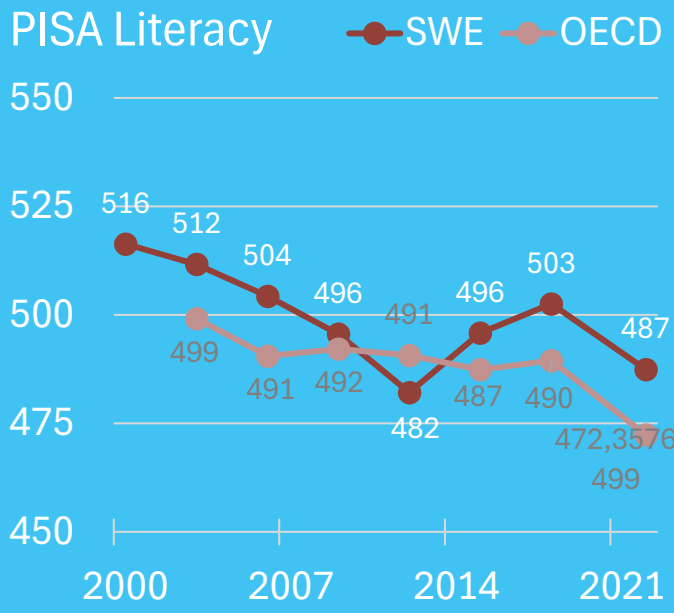


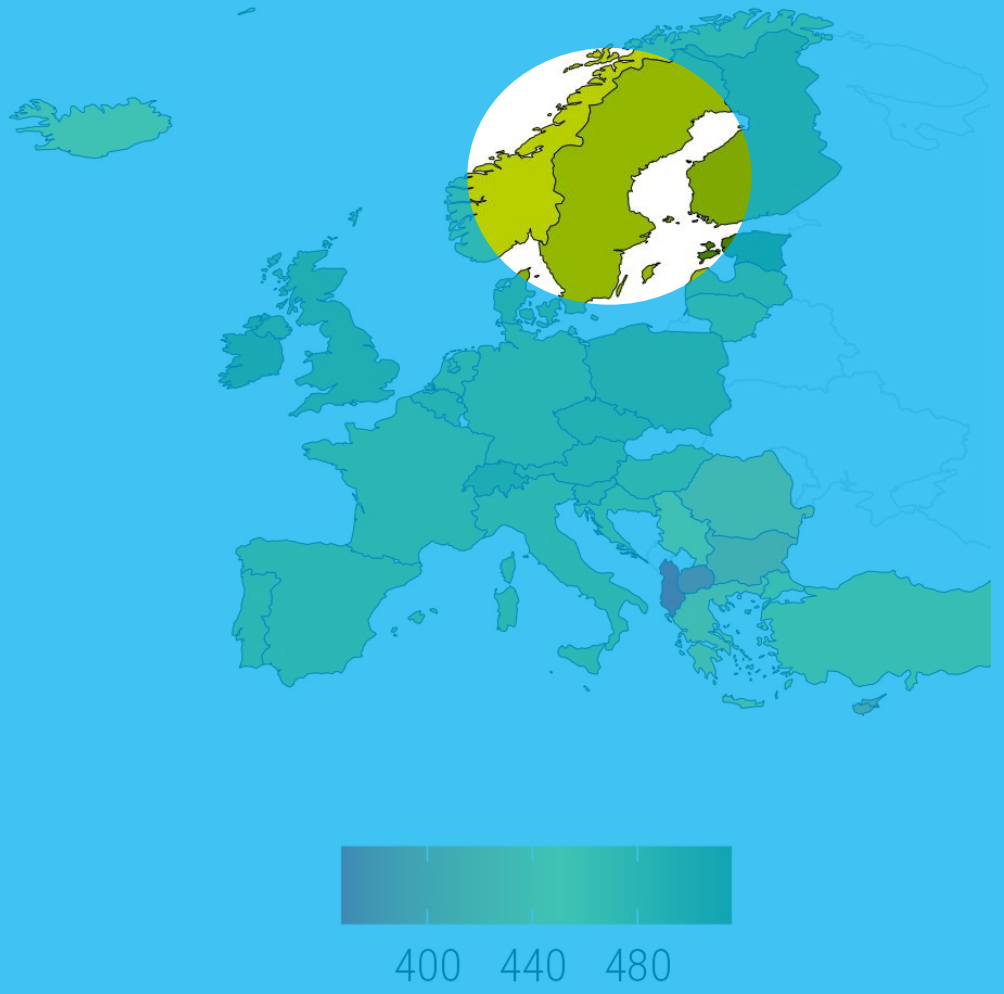
Sweden (2022)

10.5 million

591.7 billion

6.7% GDP



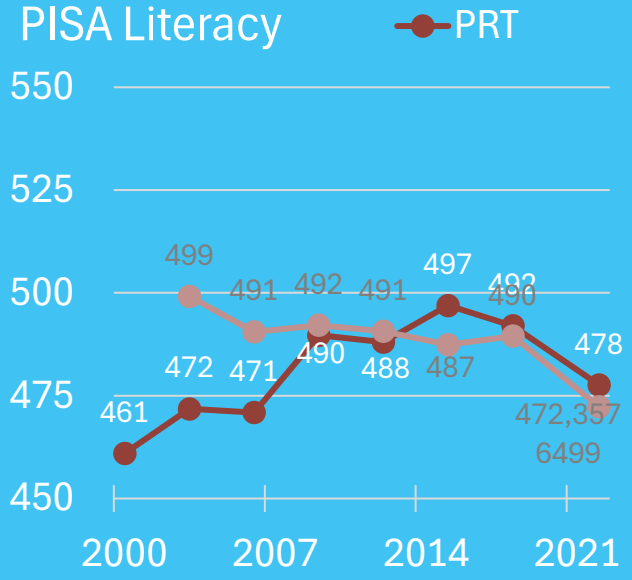


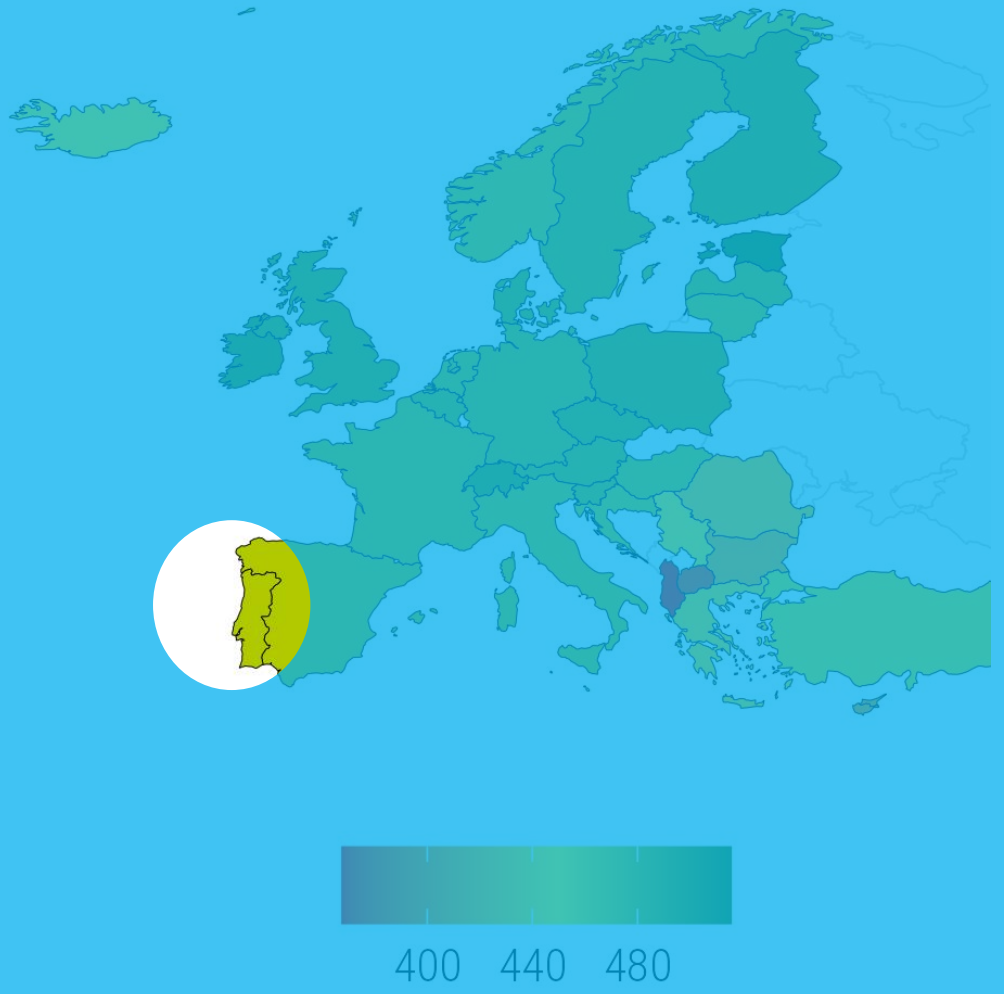
Portugal (2022)

10.4 million

255.2 billion

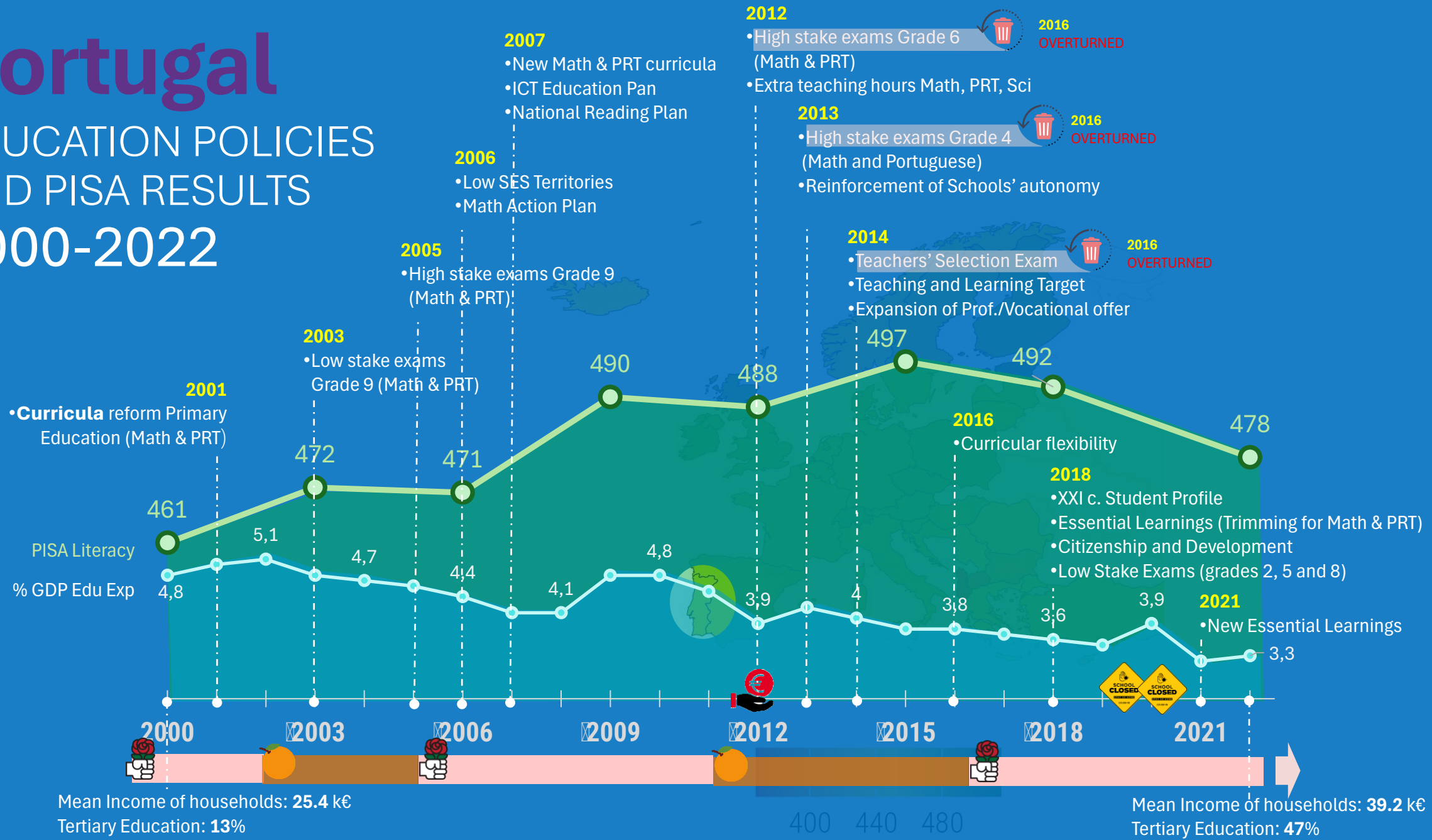
4.7% GDP





Portugal

EDUCATION POLICIES AND PISA RESULTS 2000-2022



Mean Income of households: **25.4** k€
Tertiary Education: **13**%
Upper Secondary Schooling: **58.8**%
Pre-school Coverage: **73.3**%

Mean Income of households: **39.2** k€
Tertiary Education: **47**%
Upper Secondary Schooling: **85.7**%
Pre-school Coverage: **96.2**%