



# Committee on Education, Training & Human Resources

WITSA Fall Board Meeting:  
Standing Committee Updates  
November 10, 2021



*Fulfilling the Promise of the Digital Age*

# The main problem

***Europe is experiencing a lack of programmers*** – the main creators of the digital economy (1,100,000 jobs). ***It is also experiencing a high rate of youth unemployment*** (15-24 y.o.): Greece – 68%, Spain - 63%, Portugal - 38%, Italy – 35%.

Europe is spending huge money, ***more than 3 billion eur.***, on fighting youth unemployment, but you cannot create programmers from unemployed youths 15-24 y. of age. They can only be given jobs that will be extinct in 5-10 years as the digital economy advances.



# Youth Employment Initiative

No	Member State	Youth Employment Initiative specific allocation (€ million)*	DE	WITSA
1	Spain	881.44	✓	✓
2	Italy	530.18	✓	
3	Poland	235.83	✓	
4	UK	192.54	✓	✓
5	Greece	160.24	✓	✓
6	Portugal	150.2	✓	✓
7	Romania	99.02	✓	✓
8	Slovakia	67.43	✓	
9	Ireland	63.66	✓	
10	Croatia	61.82		
11	Bulgaria	51.56	✓	✓
12	Hungary	46.49	✓	
13	Sweden	41.26	✓	
14	Belgium	39.64	✓	
15	Lithuania	29.69	✓	✓
16	Latvia	27.1		
17	Czech Republic	12.71		
18	Cyprus	10.81	✓	✓
19	Slovenia	8.61	✓	

# Our programs solve this problem

The Program *Together in IT* in English for children from 6 to 12 years old and their parents is designed for one year, and it leads successful graduates to a guaranteed paid job as a tester or a template designer.

The *Web-development* program in English for children from 12 years old is designed for one year of self-study and leads a successful graduate to a guaranteed paid job as a full-stack web-developer.



# Switching to the Mediterranean

Since Belarus has withdrawn from the Eastern Partnership and is curtailing cooperation with most countries, we are transferring our activity to a very promising region:

## Mediterranean

The Union for the Mediterranean is an organization of 42 member states from Europe and the Mediterranean Basin: the 27 EU member states and 15 Mediterranean partner countries from North Africa, Western Asia and Southern Europe.

In non-EU countries of this region, the interest in programming is higher than in the EU, as the participation in the math and informatics Olympiads shows.



# Non-EU members

sorted by population

Country	Population	WITSA
Egypt	102 334 404	✓
Turkey	84 339 067	✓
Algeria	43 851 044	✓
Morocco	36 910 560	✓
Tunisia	11 818 619	✓
Jordan	10 203 134	✓
Israel	8 655 535	-
Lebanon	6 825 445	✓
Palestine	5 101 414	-
Mauritania	4 649 658	-
Bosnia and Herzegovina	3 280 819	-
Albania	2 877 797	✓
Montenegro	628 066	-
Monaco	39 242	-

# Turkey plans to train a million programmers

As part of a special project implemented online, Turkey has launched a training campaign for at least a million software developers.

This was announced by the Minister of Finance of Turkey Berat Albayrak.

"Turkey has a gap between staff and software needs. And we have great ideals and goals. If we make a big leap in software, it will be much easier for us to achieve our goals," the Minister said.

He announced the beginning of the project "Million software developers", thanks to which Turkey intends to become one of the leading countries in the world in the IT sphere.

According to the minister, after the implementation of the project, young people who will take part in it will have employment prospects in companies in need of appropriate specialists. In particular, the resumes of the project participants will be collected in a special database with open access.

The ministry's website already offers 31 online courses with a total duration of 47 thousand minutes, and by the end of the year the number of courses will increase to 100.



# Why we start in Turkey?

**The Committee on Education, Training & Human Resources** in cooperation with **IAMIT** commences its activity in Turkey as this country is the region leader and has very ambitious goals.

The easiest way to start is with those children who have already shown interest in Olympiads (i.e., Bebras & Kangaroo).

40K school children participate in Bebras.

We've already started negotiations with the Turkey Government about offering our programs to all Bebras participants.



# What's next

When we succeed, which will be clear no later than a year from now, we will be able to extend this Program to the entire region and beyond.

The program is easy to monetize, and this can significantly increase the WITSA budget.

