



The Role of Universities in Smart Specialisation

An Action Plan for Developing Human Resources in North-East Romania

Dr-Ing Yannis Tolias

Managing Partner, innovatia systems

tolias@innovatiasystems.eu



An outsider's perspective of the challenges (10.2.2017)

1. The integration of the regional research base in international research networks is improved
2. Direct knowledge flows improve the absorptive capacity of the regional research base, especially in terms of KETs
3. Research teams working on fields of high relevance to the needs of the regional economy are strengthened by new researchers
4. Internationally competitive research teams are strengthened by new researchers
5. Effective, efficient and relevant direct knowledge flows between academia and industry are established.
6. Effective, efficient and relevant direct knowledge flows between regional and international enterprises are established
7. Brain-drain of young graduates is reduced
8. Brain-drain of young researchers is reduced

My key question to the ACC on 21 Feb 2017:

“What can we do to develop the North-East Romania’s human resources by 2023 through education, training and mobility?”

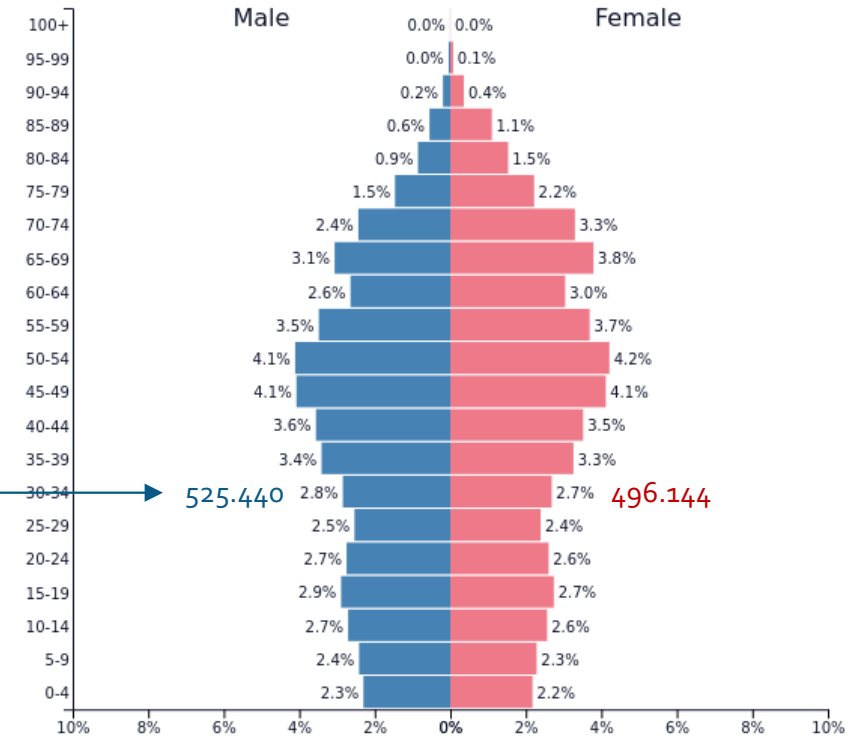
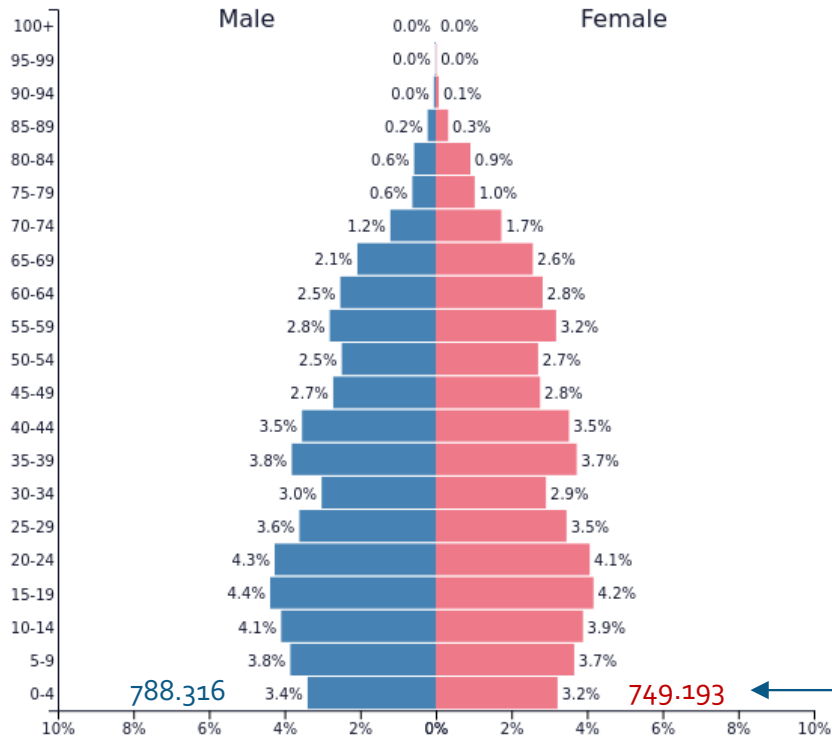
...and their (not so surprising) answer:

“Create as many knowledge-based,
well-paid and challenging jobs as
possible!”

1993
pop. 23.255.683

Romania Population Pyramids

2023
pop. 18.472.355

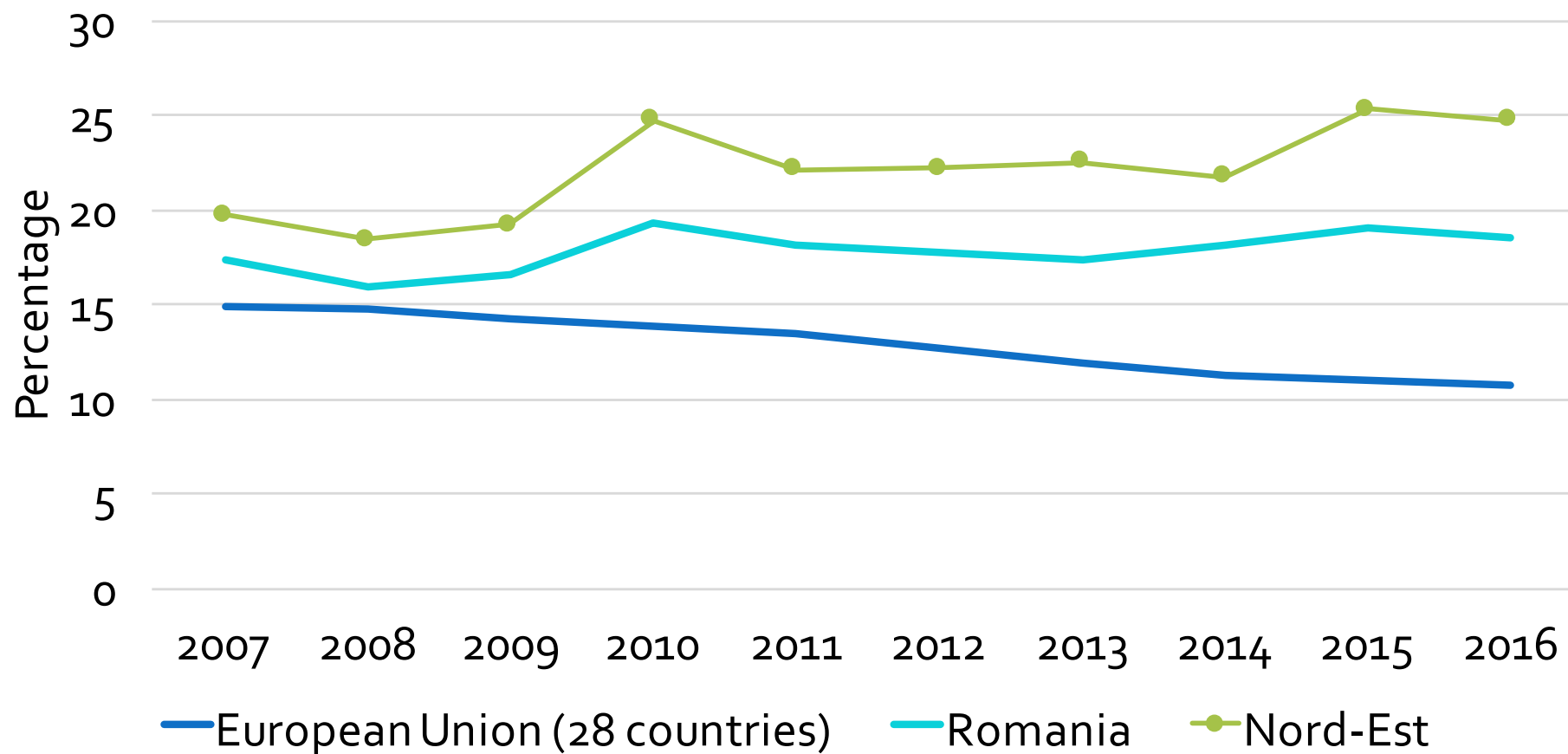


By 2023, 28.2% of the population of age 30-34 should have a tertiary education degree.

There were ~193.000 people in this target group on 1.1.2016 in NE Romania.

There were 265.684 people of age 0-4 on 1.1.1994 in NE Romania.

Early Leavers from education and training Both sexes; Age from 18 to 24 years old



The NW Romania's HR Action Plan

S.O.1

Reduce the number of high-school and University dropouts

- 1.1 Raise awareness for the benefits of education and provide career counselling
- 1.2 Support tertiary education students at risk of abandoning their studies.

S.O.2

Provide students & employees with 21C skills and guidance to optimally explore their talents

- 2.1 Innovation & Entrepreneurship support units at HEIs
- 2.2 Development of accredited 21cS LLL programmes

S.O.3

Promote intersectoral mobility

- 3.1 Stimulate demand for highly skilled employees by the enterprise sector
- 3.2 Increase intersectoral mobility of tertiary education students & researchers in businesses
- 3.3 Anticipate and match skills supply and demand at the regional level

S.O.4

Improve funding for R&D&I and Education

- 4.1 Upgrade HEI capacity to win and manage competitive funding projects
- 4.2-3 Design novel educational offerings (physical or digital delivery)

S.O.5

Support Place Building efforts in the region

- 5.1 Multidisciplinary research to address regional challenges
- 5.2 Promote student volunteer and community work
- 5.3 Support regional or municipal place building initiatives

Final remarks from the facilitator's perspective

Strong will and personal commitment of ACC members to support the cause of regional development but limited perceived empowerment to do so

No discussion of “in-house”, purely academic issues such as improvement of research performance, extension of their knowledge base, talent attraction and of quality of education, staffing, HEI organisation & operations

Thank you for
your attention!

Dr Yannis Tolia
Managing Partner & CTO



Dodekanisou 22
GR-546 26 Thessaloniki
Greece

T +30 231 056 7442
F +30 231 056 7443
M +30 693 605 6035
E tolias@innovatiasystems.eu

E tolias@innovatiasystems.eu
W +30 231 056 7442
F +30 231 056 7443
M +30 693 605 6035



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