

The background features a soft-focus image of green leaves and two butterflies. One butterfly is purple and green, and the other is blue and brown. The text is centered in the lower half of the image.

European Funding for Support of Young Researchers

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Young people as driver for innovation



PERIOD 2007-2013: ESF FUNDING "SUPPORT TO DOCTOR'S STUDIES"

EU FUNDING

49 366 796 euro

THE AIM

Enlarge the number of highly qualified doctorate holders in all thematic who are able to create high-tech products, products and services with high added value in order to promote economic development on the basis of innovation.



PERIOD 2007-2013: ESF FUNDING "SUPPORT TO DOCTOR'S STUDIES"

Why it was necessary?

1. 57% of all employed scientists in the universities were **older than 65 years;**
2. only **67%** of all PhD students received financial support of **the state;**
3. **the high costs of doctoral studies** - from 1 360 till 6 000 EUR per year;
4. the state grant - **114 EUR per month,**

It was necessary to provide **powerful incentives for scientific studies.**



PERIOD 2007-2013: ESF FUNDING "SUPPORT TO DOCTOR'S STUDIES"

MEASURES

1. Scholarship for researches:

- For 1st and 2nd year PhD students - 640 EUR per month,
- For 3rd and 4th year PhD students – 1 138 EUR per month,

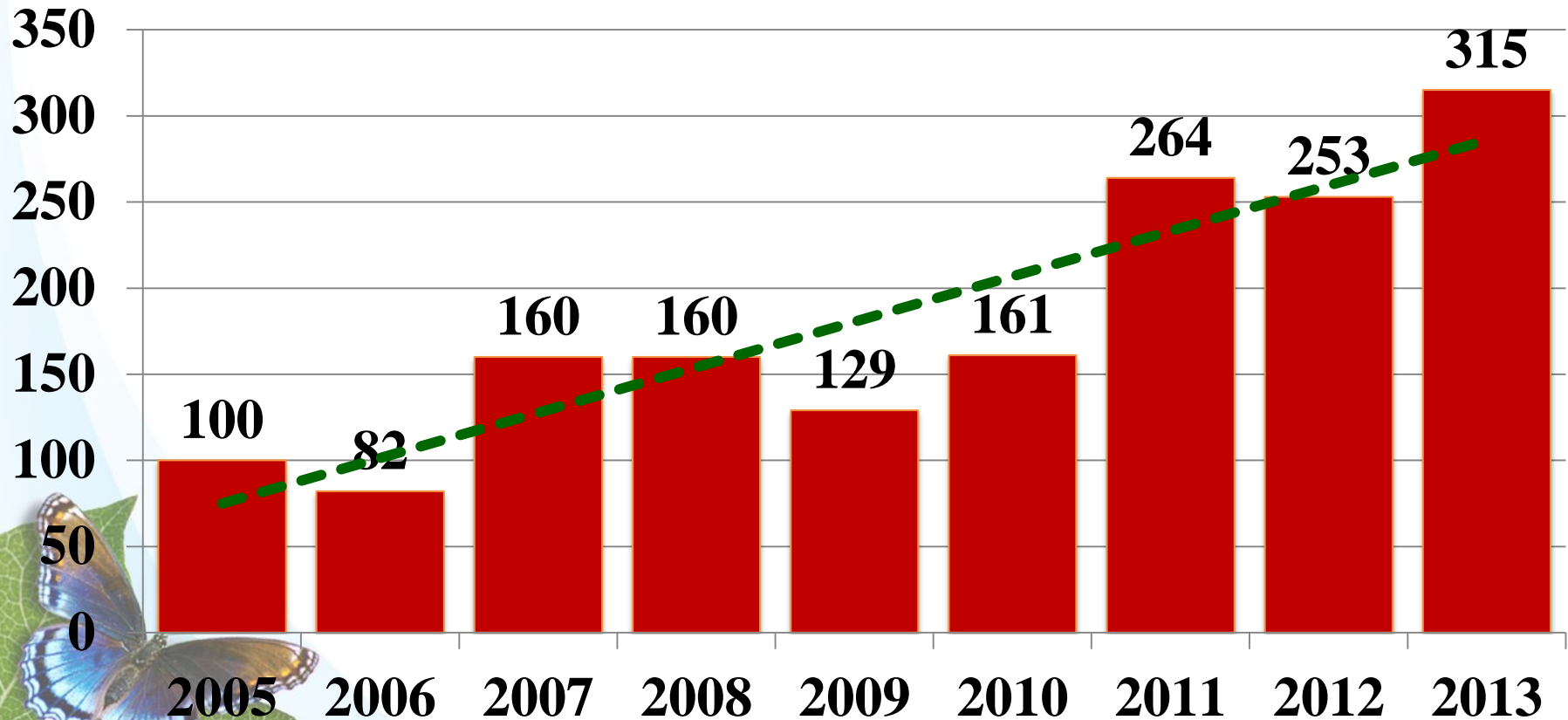
2. Knowledge sharing

- additionally 1 500 EUR per year to participate at the conferences

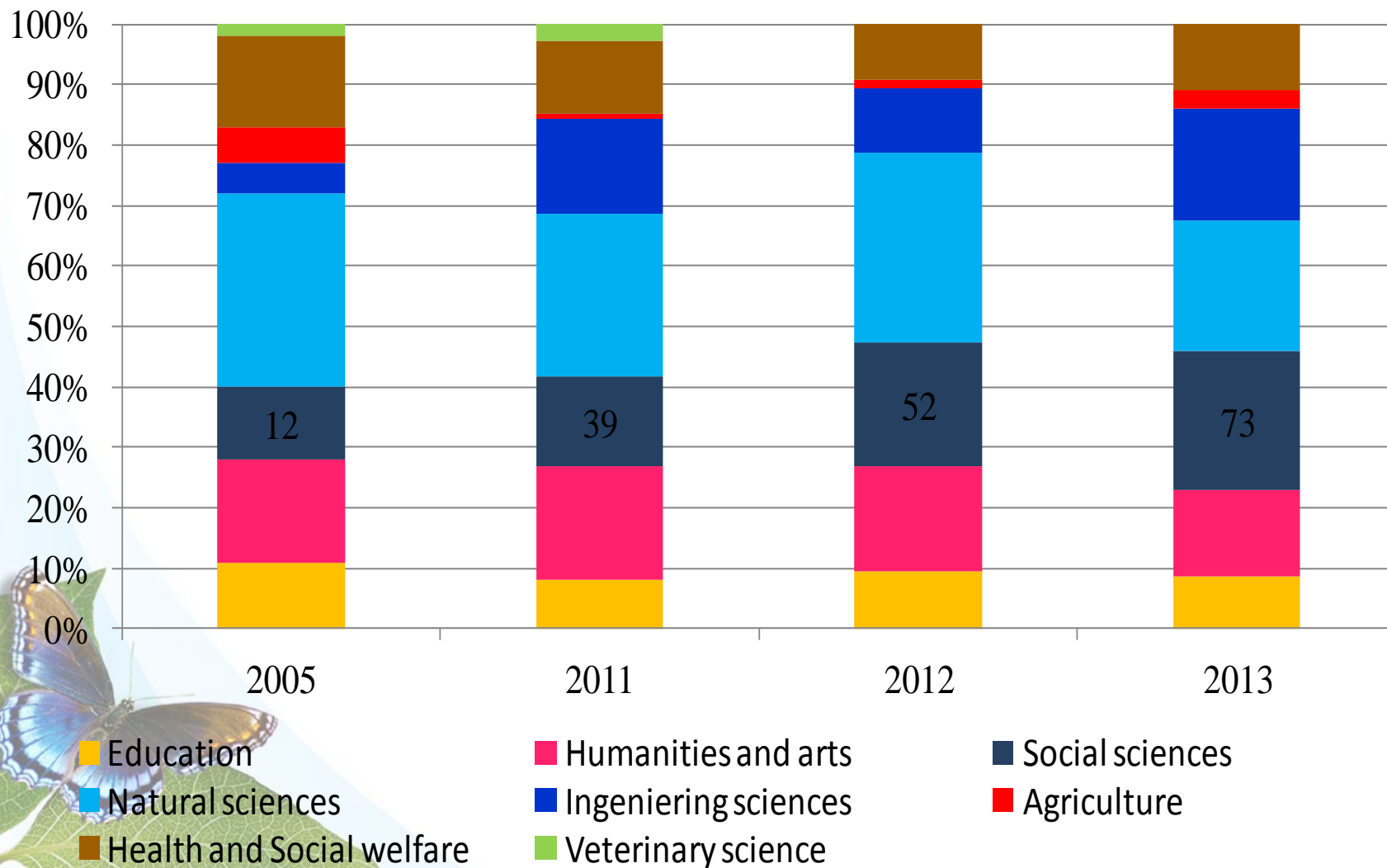


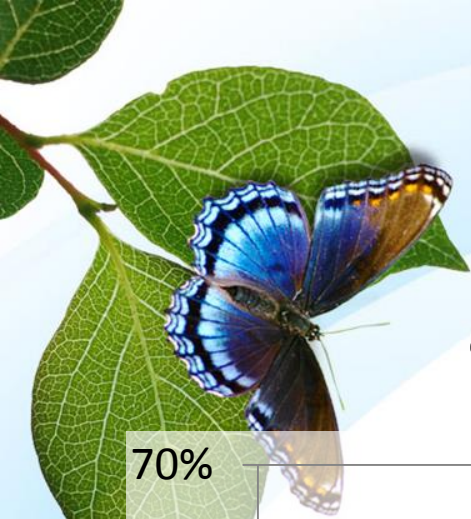
PERIOD 2007-2013: ESF FUNDING "SUPPORT TO DOCTOR'S STUDIES"

PhD theses, years 2005 – 2013

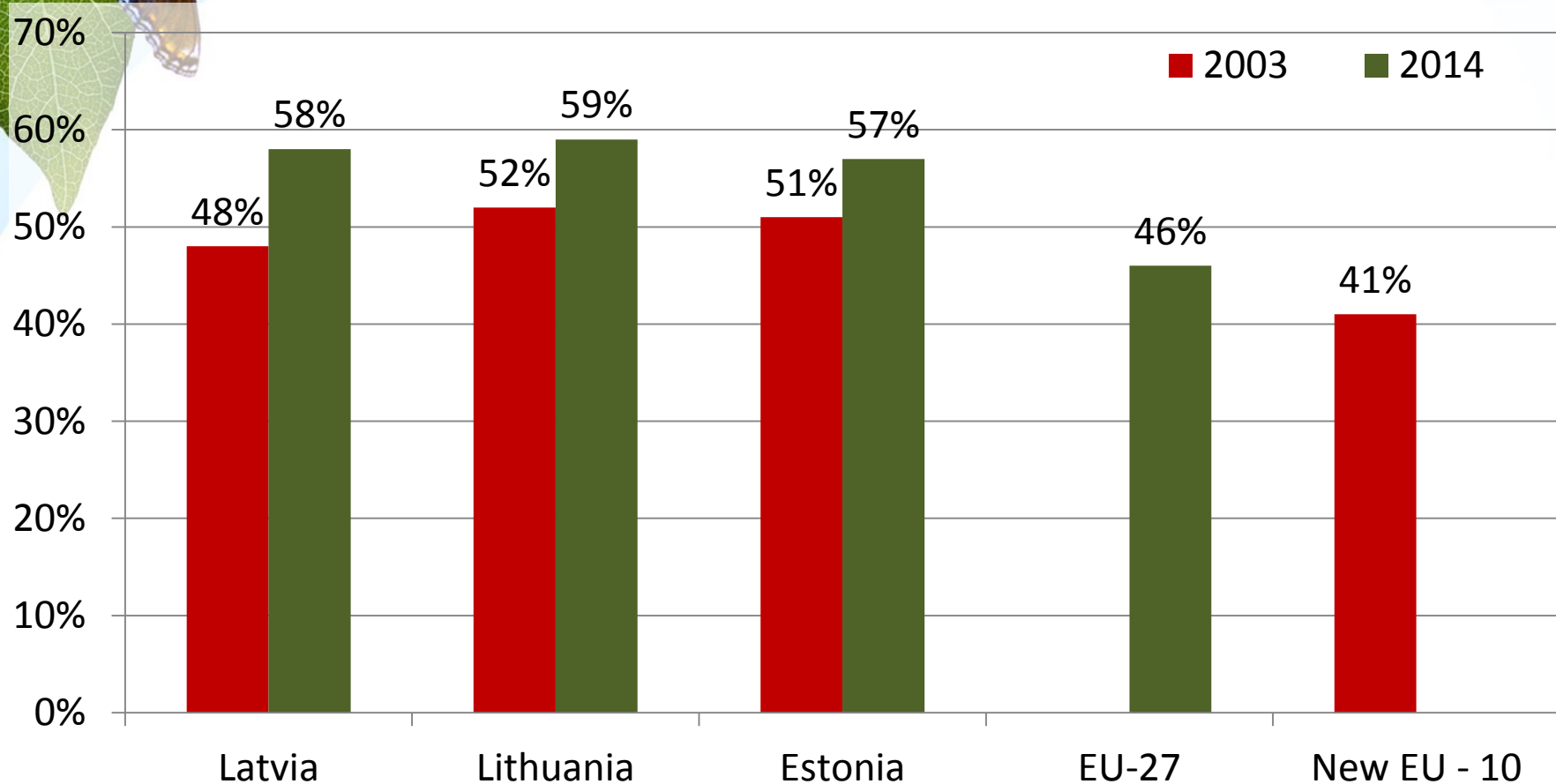


PhD theses in science directions, years 2005 – 2013

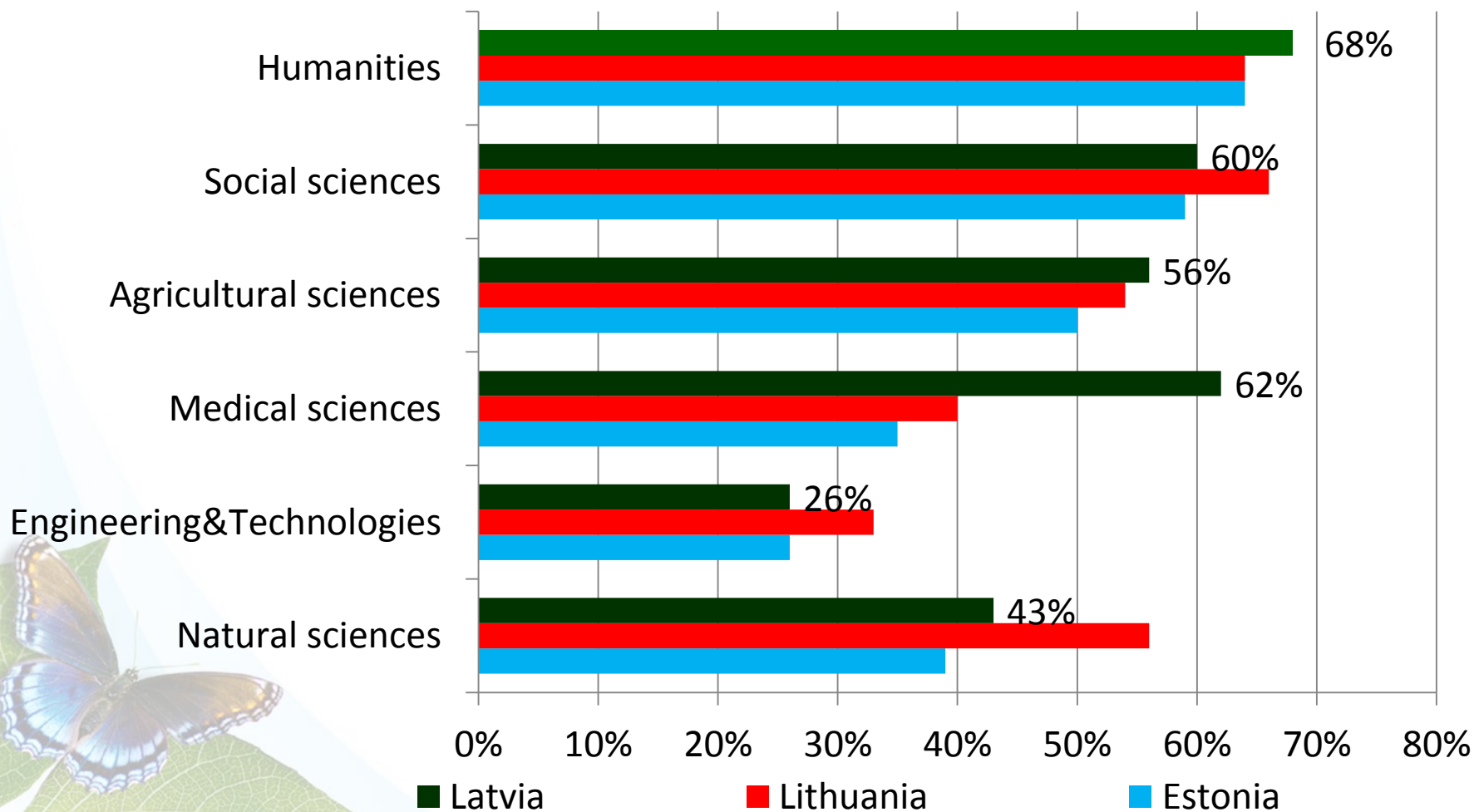




Defended PhD theses by women in 2003 and 2014



PhD theses in science directions by women - 2014



PERIOD 2014-2020:

In total: 4.5 billion EUR,:

- education, science and sport – 1 billion EUR,
- science – 280 million EUR.

ACTIVITIES

1. Grants for young scientists/postdoctoral – 64.03 million EUR
2. Practical researches for scientific groups - 76.51 million EUR
3. Innovation grants for students – 34 million EUR
4. Support for international cooperation projects in research and innovation
5. R & D infrastructure development RIS3 fields



PERIOD 2007-2013: ESF FUNDING "GRANTS FOR YOUNG SCIENTISTS"

THE AIM:

human capital development, providing young scientists opportunities to start career in scientific institutions, higher education institutions and enterprises, as well as the development of research competencies.

THE TERMS:

- young scientists can apply in 5 year period after defence of thesis,
- will link with: Latvia research priorities 2014-2017 and Innovation and Research Strategy for Smart Specialization (RIS3)
- Funding:
 - for 3 years
 - 2 300 EUR per month
 - Research expenses – 6 000 per year
 - Mobility – 1 500 per year



PERIOD 2007-2013: ESF FUNDING "GRANTS FOR YOUNG SCIENTISTS"

PREFERENCE

1. Interdisciplinary research and scientific excellence
2. Science directions with a aging research staff (eg., Mathematics),
3. International mobility
4. Researches with larger industry co-financing.
5. M.Sklodowska-Curie program

EXPECTED RESULTS

International scientific publications

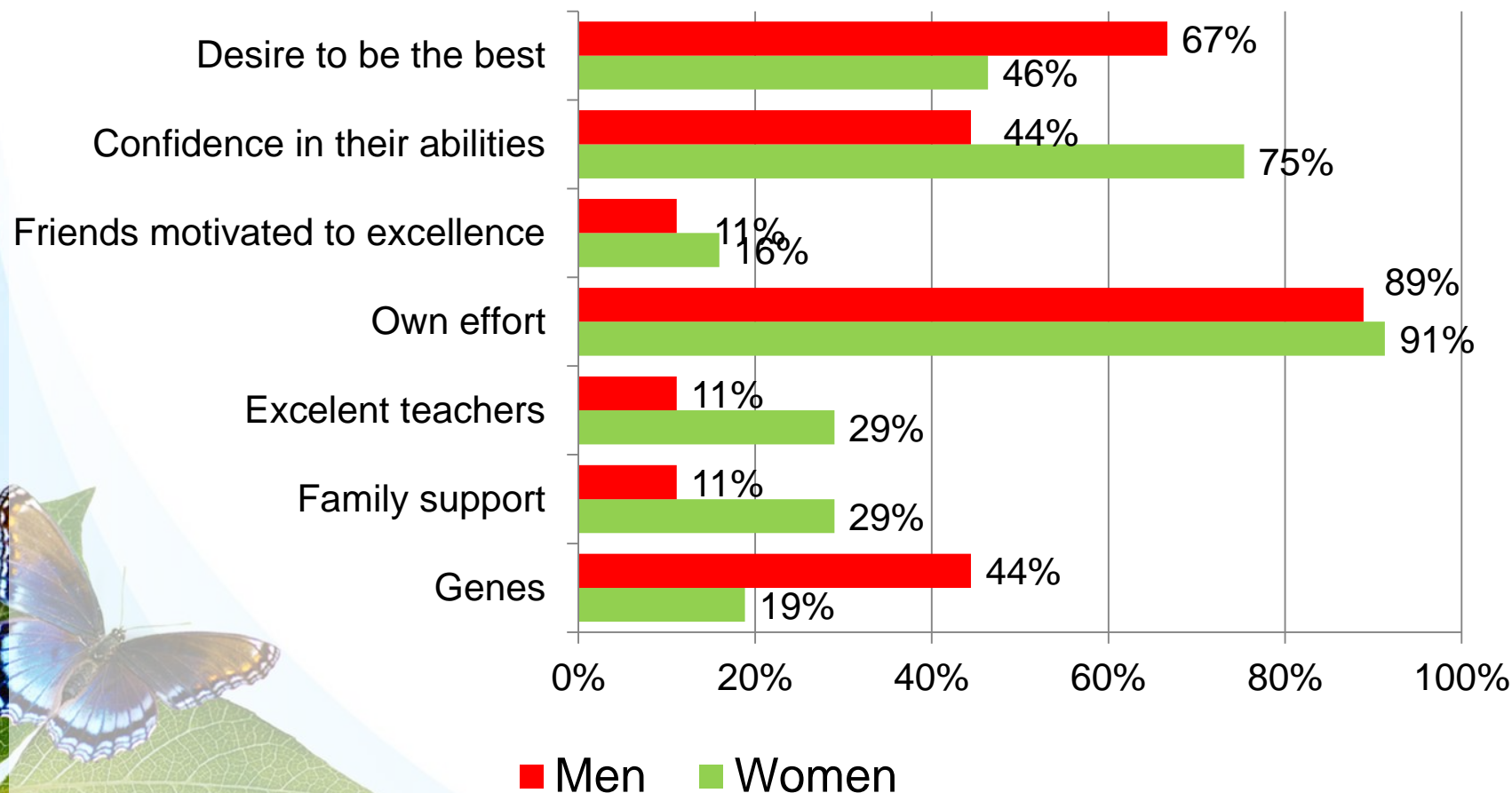
High impact factor

PhD students from third countries



SCIENTIFIC EXCELLENCE

What do you need to be the best?



SCIENTIFIC EXCELLENCE

Quintuple Helix model

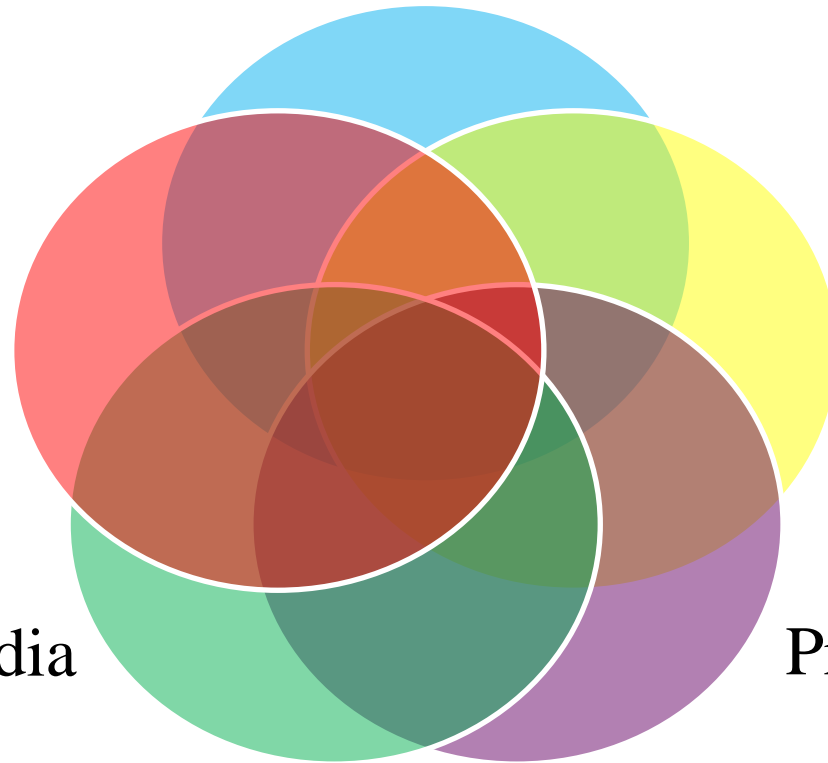
Academic sector

Public sector

NGO

Media

Private sector



SCIENTIFIC EXCELLENCE



1. Summer schools;
2. Additional trainings after lessons in schools;
3. Junior Achievement Latvia;
4. Association of Latvian Young Scientists
5. International and entrepreneurial environment in the universities.
6. Mentoring
7. Possibilities to work in State and International Research projects.

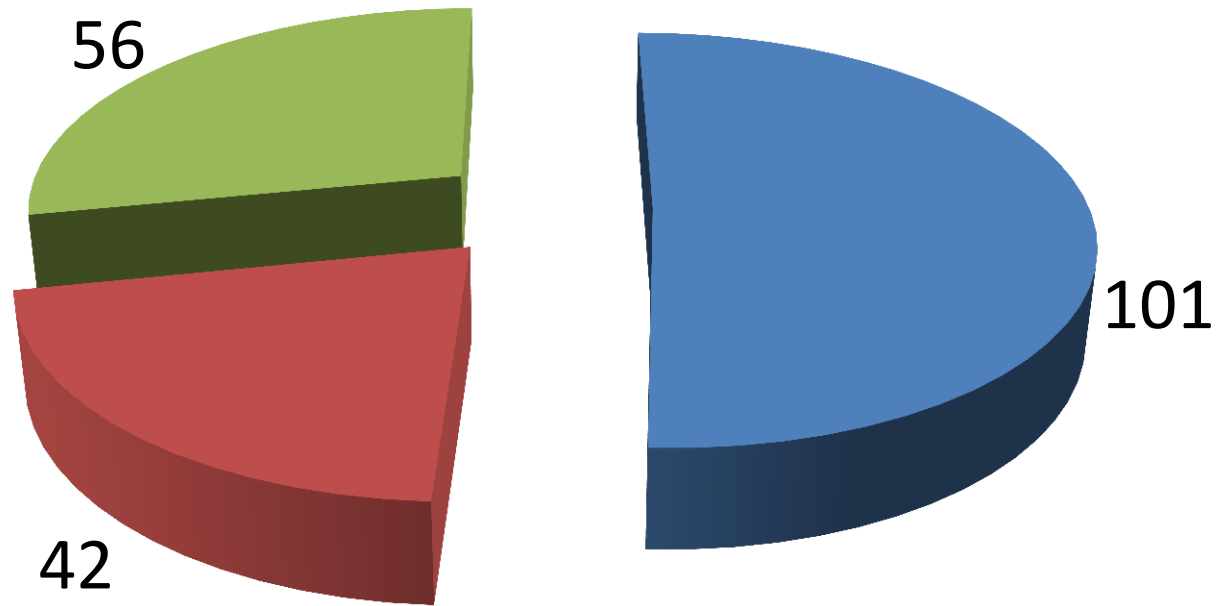


State Research interdisciplinary program

EKOSOC_LV:

1. The competitiveness of the Latvian companies on external markets
2. The Development of Innovation and Entrepreneurship
3. Processes of Latvian rural and regional development
4. Renewal of society through reducing the risk of depopulation,
5. Reflecting on values and social agency during social and economic change
6. Social and political transformations in Latvia in the post-crisis period
7. Involvement of the society in social innovation
8. Cultural environment development, preservation of the nature diversity and urbanization processes
9. Impact of social awareness changes on sustainable provision of ecosystem services
10. Elaboration of a sustainable model for increasing the effectiveness of the legal framework for economic transformation

State Research interdisciplinary program EKOSOC_LV:



- Scientists
- PhD students
- Master degree students



Acknowledgments

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Thank You!