The changing pattern of Social Sciences and Humanities in the EU Framework Programmes

Ülle Must
ulle.must@archimedes.ee

Conference "*Impact of SSH for a European research agenda - Valuation of SSH in mission-oriented research".*
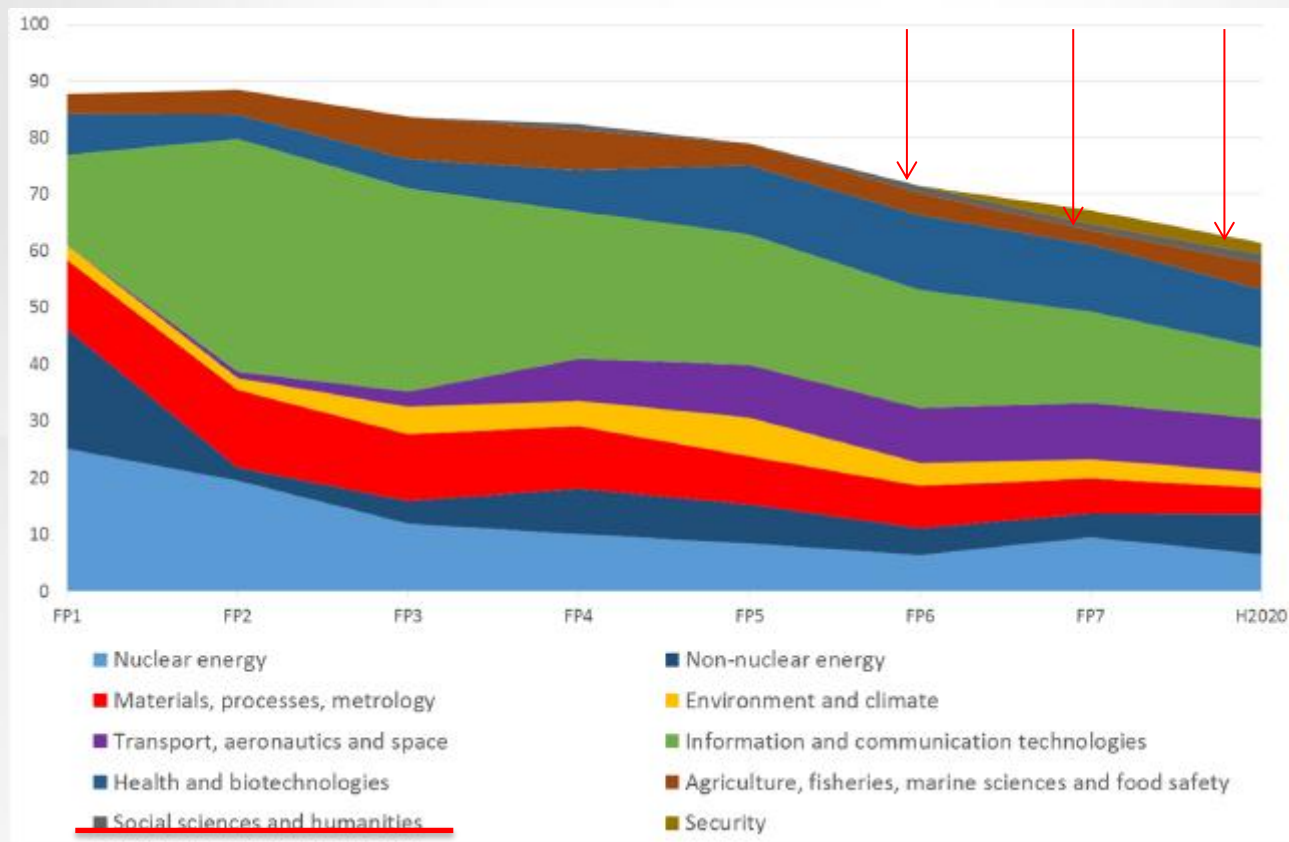28-29 November 2018, Vienna

Evolution of the support provided by the framework programme for the various thematic activities (% of the total budget)

From:EU FPs for R&I. Evolution and key data from FP1 to H2020 in view of FP9. EPRS, September 2017

SSH oriented Programmes in FPs

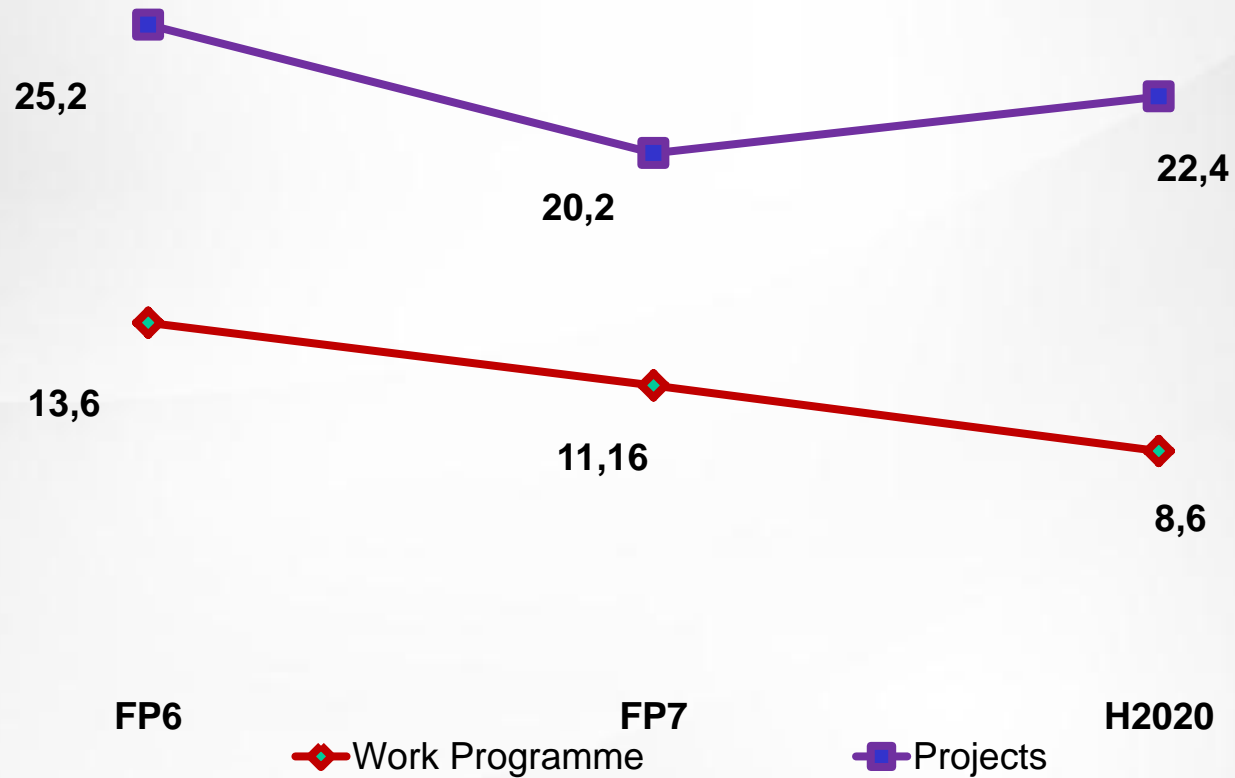|	
FP4 (1994-1998)	• Targeted socio-economic research
FP5 (1998-2002)	• Improving the socio-economic knowledge base
FP6 (2002-2006)	• **Citizens in the knowledge-based society**
FP7 (2007-2013)	• **Socio-economic Sciences and Humanities**
H2020 (2014-2020)	• **Europe in a changing world – inclusive, innovative and reflective societies**

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Methods

- **Two sources**:
  a) FP Work Programmes 2002-2020, and
  b) Statistics on funded projects from the CORDIS project database (title and abstract words).

- **Textual analysis**
  - Cleaning the data of punctuation marks, numeric values, articles (a, the), prepositions (on, at, in), conjunctions (and, or, but) and auxiliary verbs, such as *"to be" (am, are, is, was, were, being)*, *"do" (did, does, doing)*, *"have" (had, has, having).*
  - The final analysis and comparisons between different datasets were made on the basis of the 200 most used words.
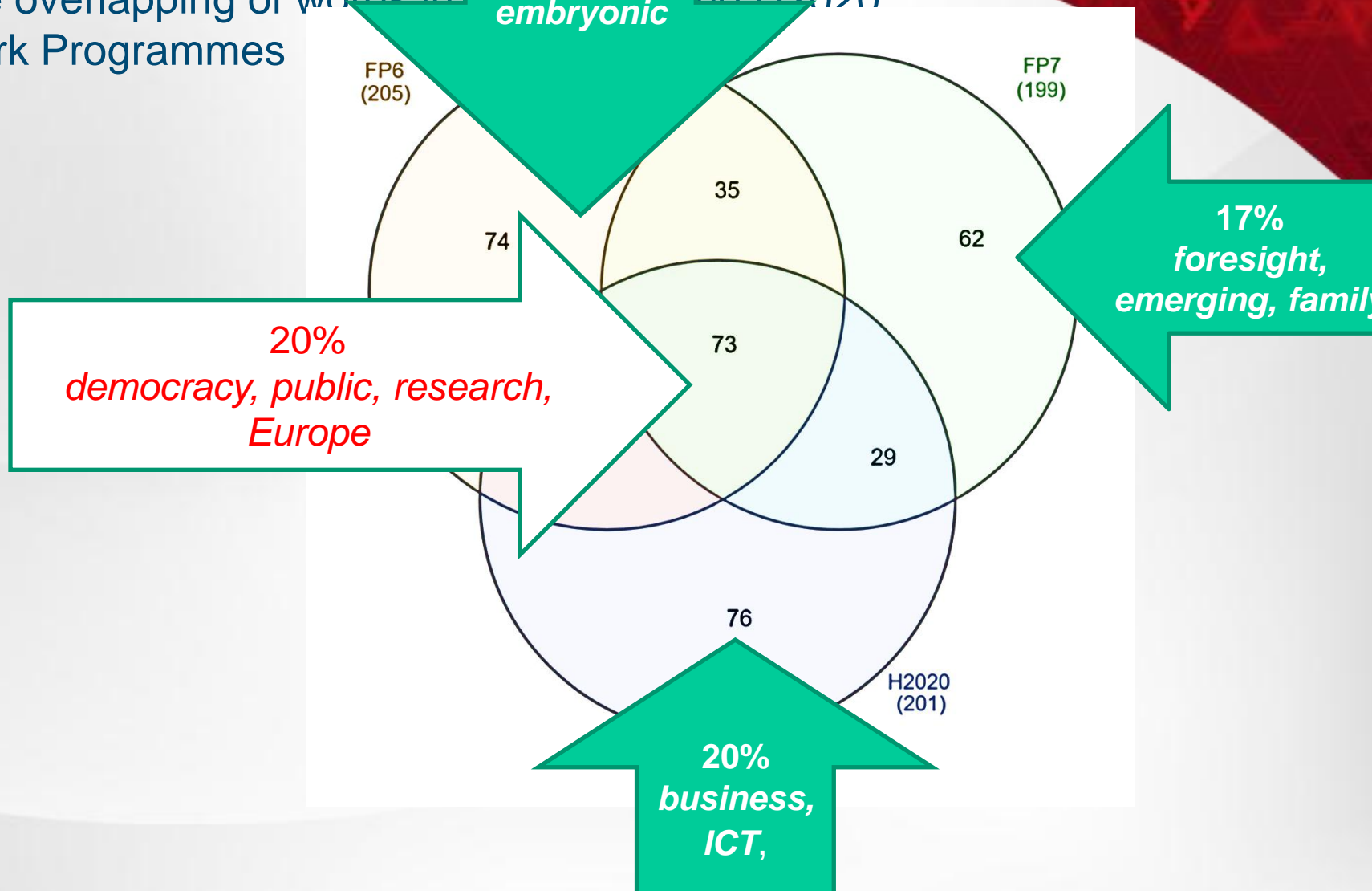
Results

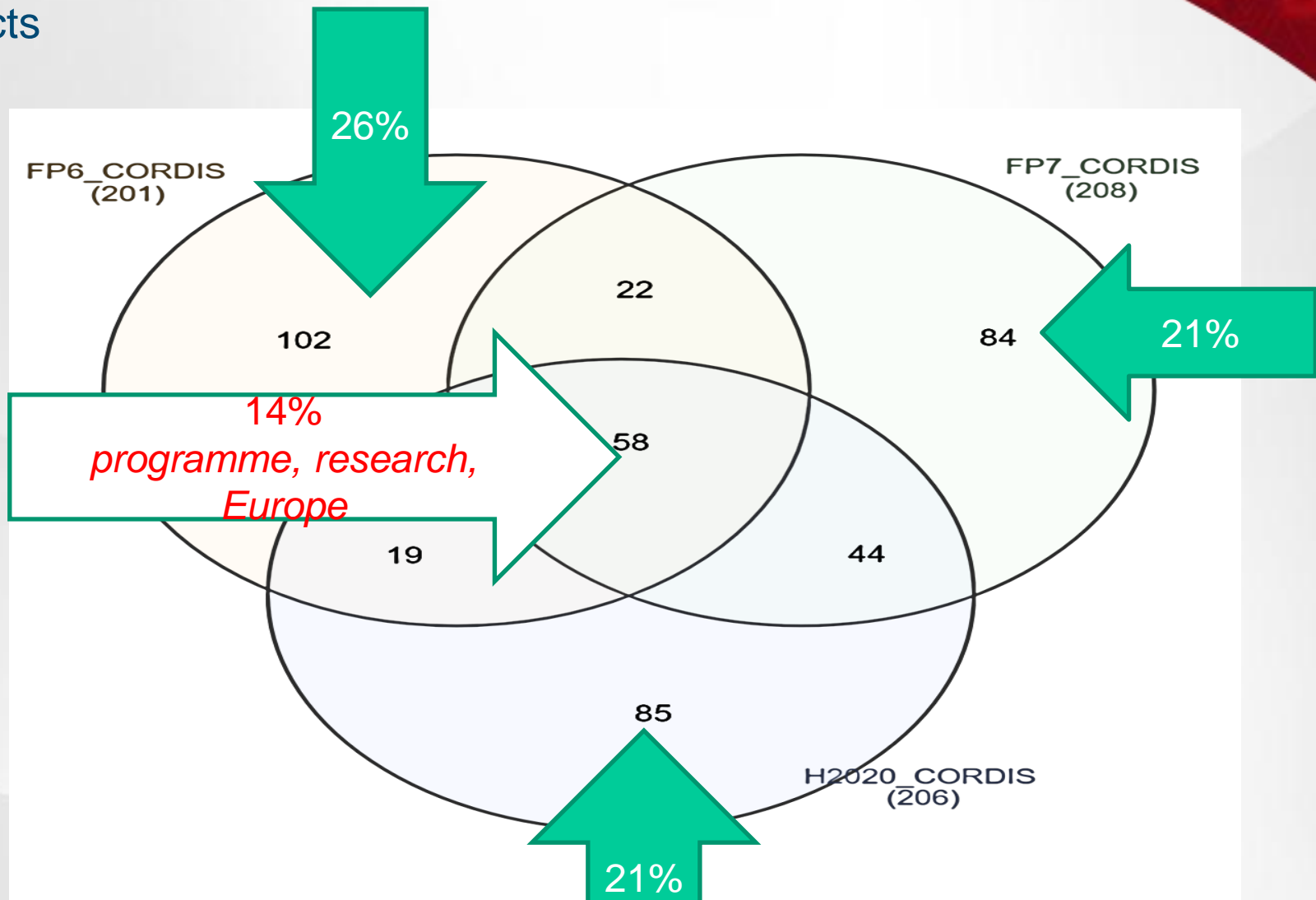## Lexical Density of different FP Work Programmes and Projects

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Projects: FP6 25,2 — FP7 20,2 — H2020 22,4

Work Programme: FP6 13,6 — FP7 11,16 — H2020 8,6

FP6   FP7   H2020

◆ Work Programme   ■ Projects

Results

The overlapping of words in [...] nd H2020 Work Programmes

20%
associated, target, embryonic

17%
foresight, emerging, family

20%
democracy, public, research, Europe

20%
business, ICT,

FP6 (205)

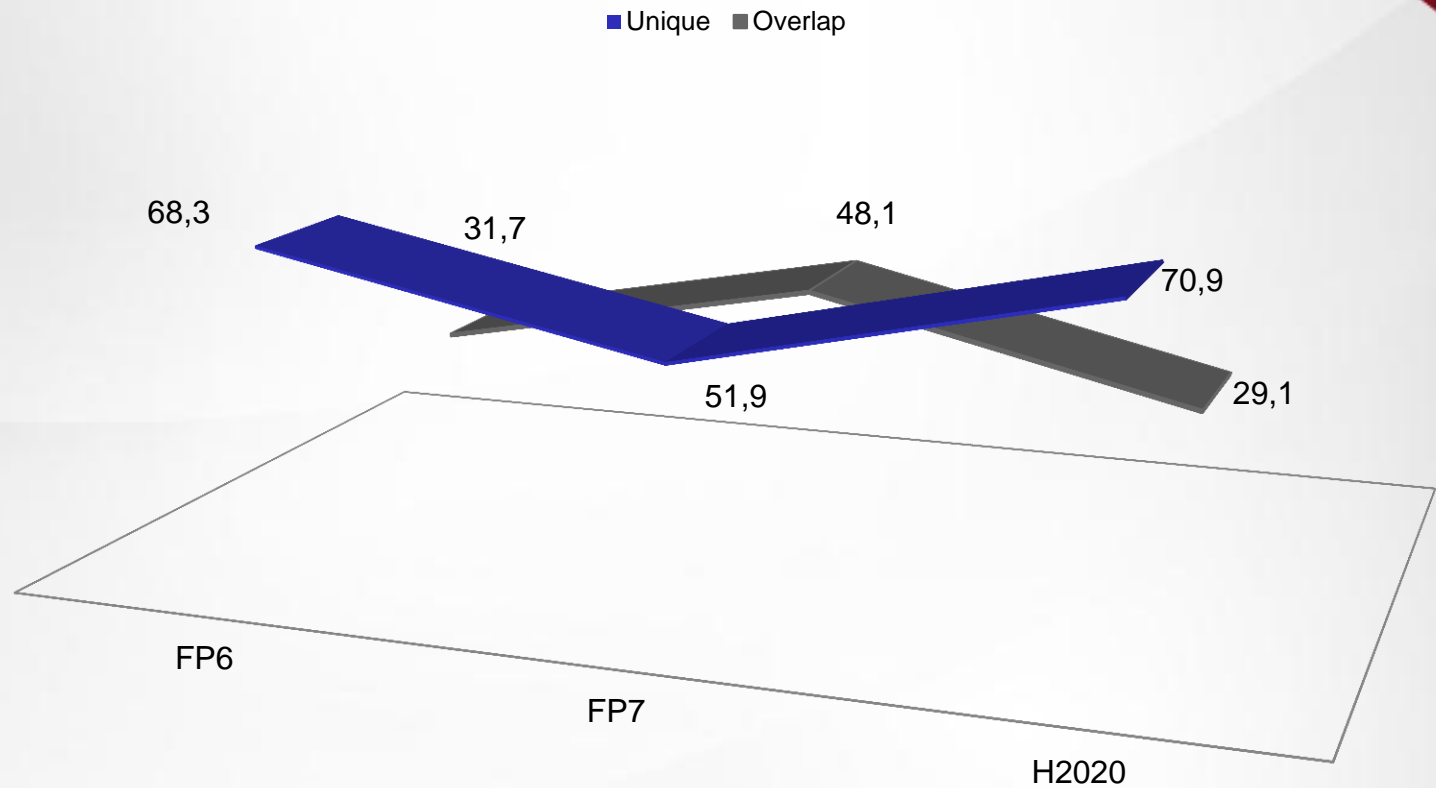FP7 (199)

H2020 (201)

35

62

74

73

29

76

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Results

The overlapping of words in FP6, FP7, and H2020 Projects

Results

The overlapping of words between Work Programmes and Projects (%)

■ Unique ■ Overlap

68,3   31,7   48,1   70,9

51,9   29,1

FP6

FP7

H2020

Results

The changing proportion of selected words through FP WPs (%)

	FP6	FP7	H2020
(In)equality	0,04	0,72	2,88
Migrant	0,08	1,26	4,75
Media	0,25	0,89	0,87
Innovation	1,98	5,4	23,59

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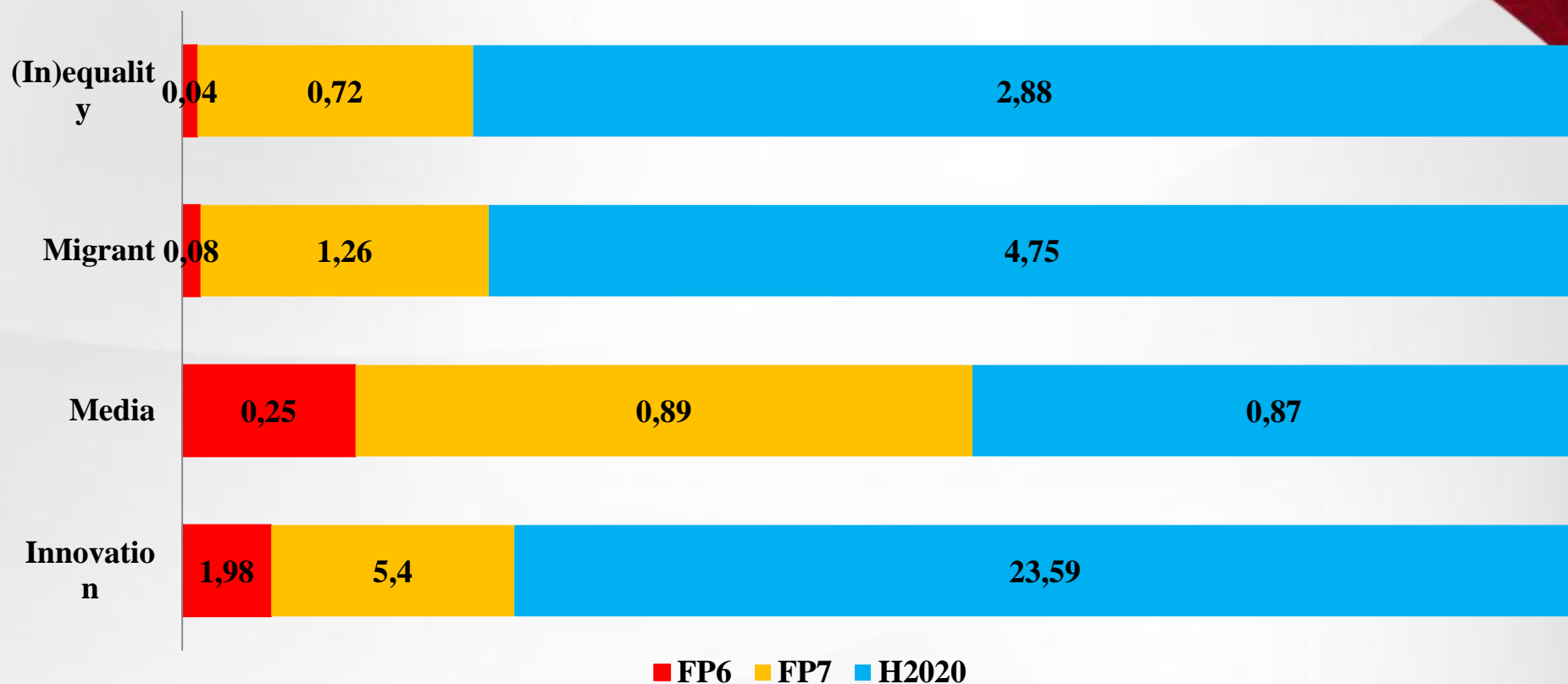
Results

The focus of selected words through FP projects

Keywords	FP6	FP7	H2020
Migrant	women scientists	young adult, immigrant groups	evidence based, migration&asylum
Crisis	-	economic crisis	current crisis, EU crisis, labour market, economic crisis
Media	Science&media; audio-visual media, television and internet	conflict news, media accountability; new forms	social media
Inequality	-	affects&women	territorial cohesion, rising inequalities
Innovation	daily life; general public	social innovation; social entrepreneurship; long term; economic performance; innovation policies; technology and innovation; generation of innovation	research and innovation; policies in Europe; Europe and beyond; business model

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Conclusions

- Lexical density of WPs of different FPs has declined over the years;

- Overlapping words reflect the core vocabulary which does not change over time, and we can monitor the frequency of its use;

- The focus and the meaning of words changes over time;

- The words used more often in work programmes and projects generally do not coincide. There is continuity between successive framework programmes.

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ulle.must@archimedes.ee