



YouSpace

SCK-CEN - 25 years of Belgians in Space - Mol - October 6th.
Dominique Tilmans – Chair of YouSpace



Our students & future professionals
the tomorrow's workforce
by their side ensure continuity!

Our students & future professionals

- There is much talk about industry, institutions, space policy, satellite applications, launchers,...
- Not enough investment/attention to the future skilled workforce !
- The new generation will be in the driving seats for the upcoming progress and developments!
- Let us give them the chance for success! YouSpace is by their side!!

What is the key between Master's Students, Young Professionals and Space professionals ?

YouSpace !!

We bring together Master's Students and Young Professionals with industry leaders, professors and other experts.

YouSpace is about meeting, discussing, advising, coaching, sharing and potentially establishing a mentoring relationship based on trust.

The space sector is in expansion & good shape!

- Impressive development of **Space Applications** in IT, Agronomy, Biology, Chemistry, Nutrition, Geography, Medicine, Law, Management, Communications, Electronics, Physics ... almost anything
- The agreement between the United States and Russia with the **“Deep Space Gateway”**

Workforce in the European Industry - Space sector.

- ✓ 40.419 Jobs in Europe (2016)
- ✓ Average age of 44
- ✓ People between 49 & 58 = 35% of the staff
- ✓ Estimated need: 1000 to 2000 highly skilled workers only for the space sector!

Employees - Europe Space industry age/ gender characteristics (Eurospace)

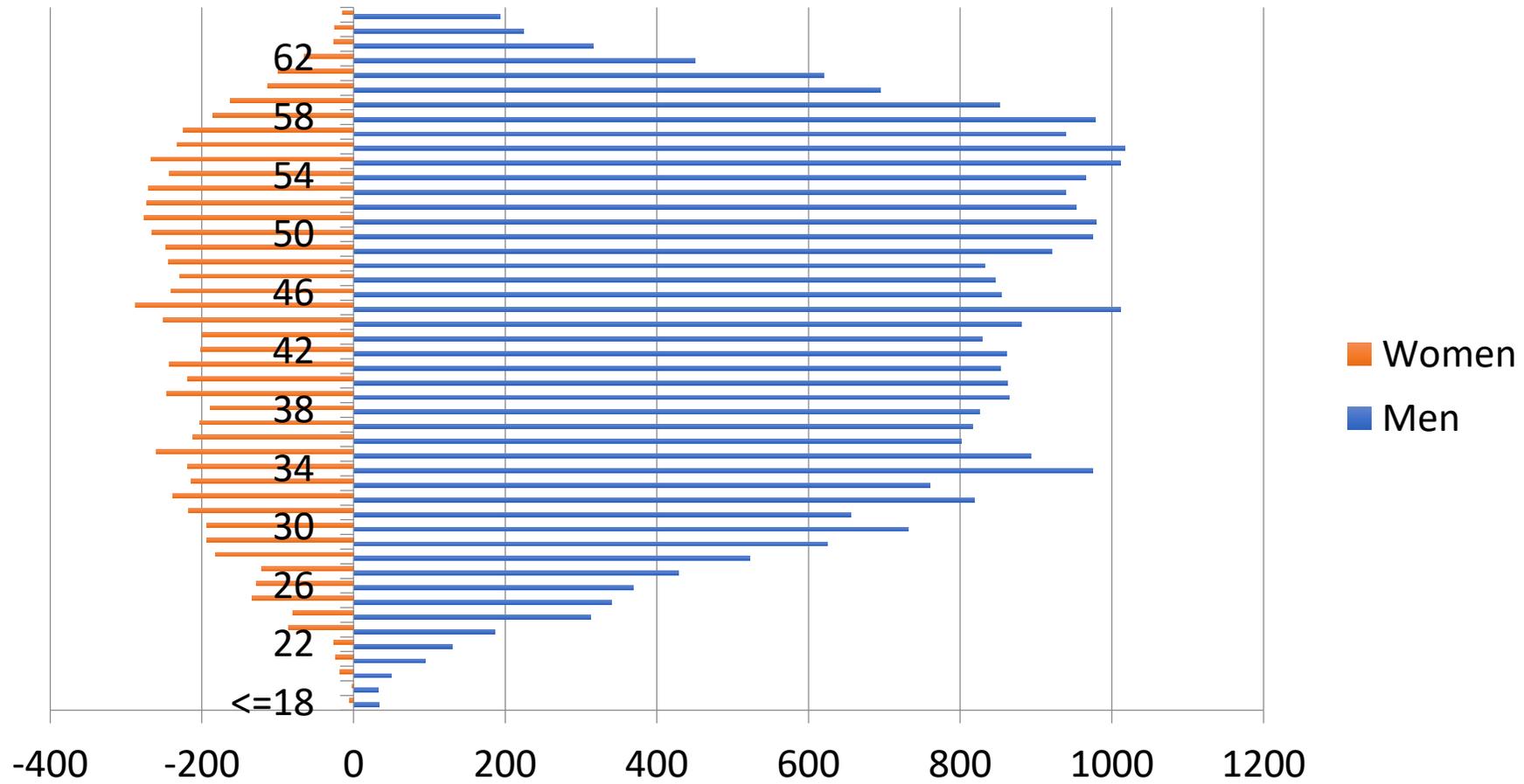
Total employment : 2014: **37.540** 2015: **38.435** 2016: **40.419**

- Average age (women) 43,17
- Average age (Man) 44,53
- Average (All) **44,25**

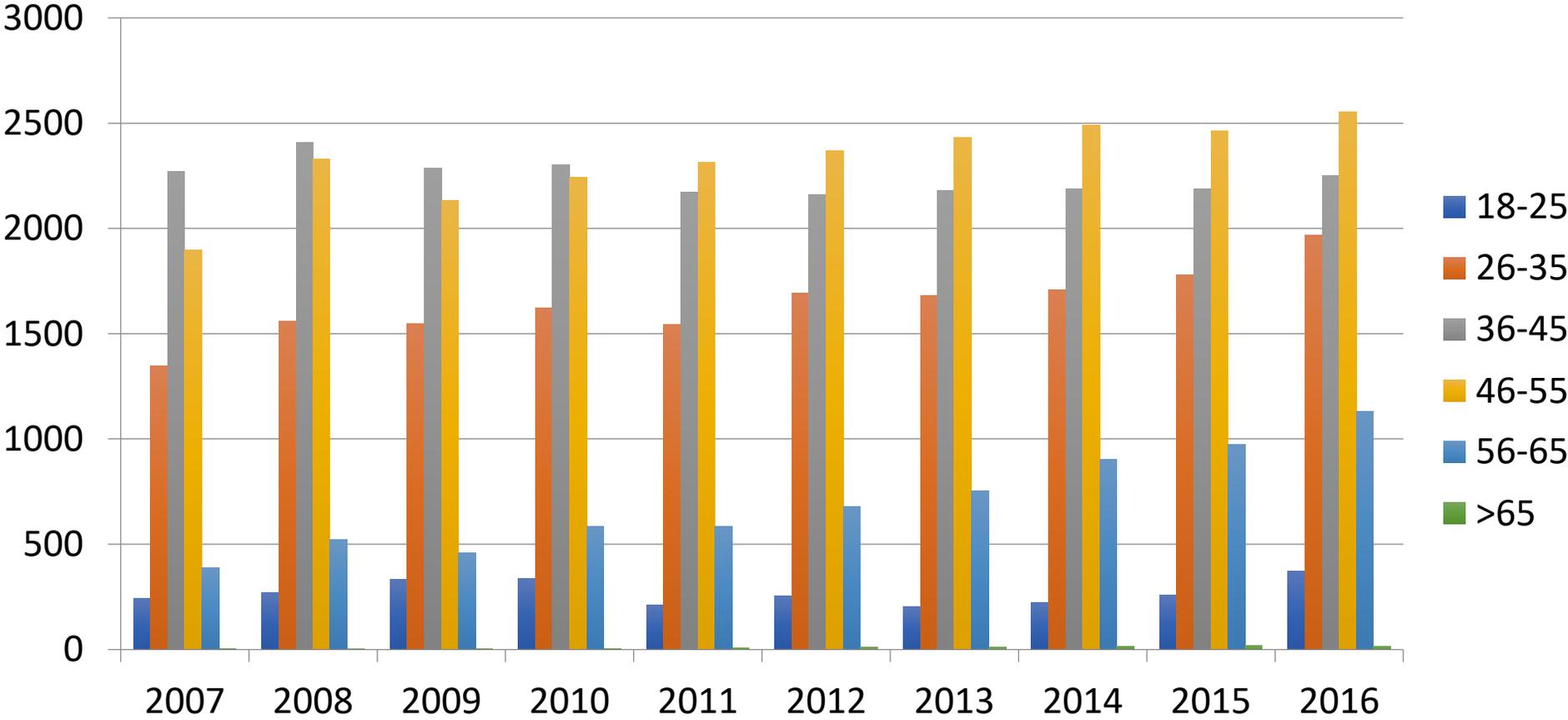
- Women in % of total 20,52 %
- Men % in total 79,48 %

Age pyramid and gender distribution - Europe

(ASD-Europsace)



Evolution of women employment by age category (FTE)

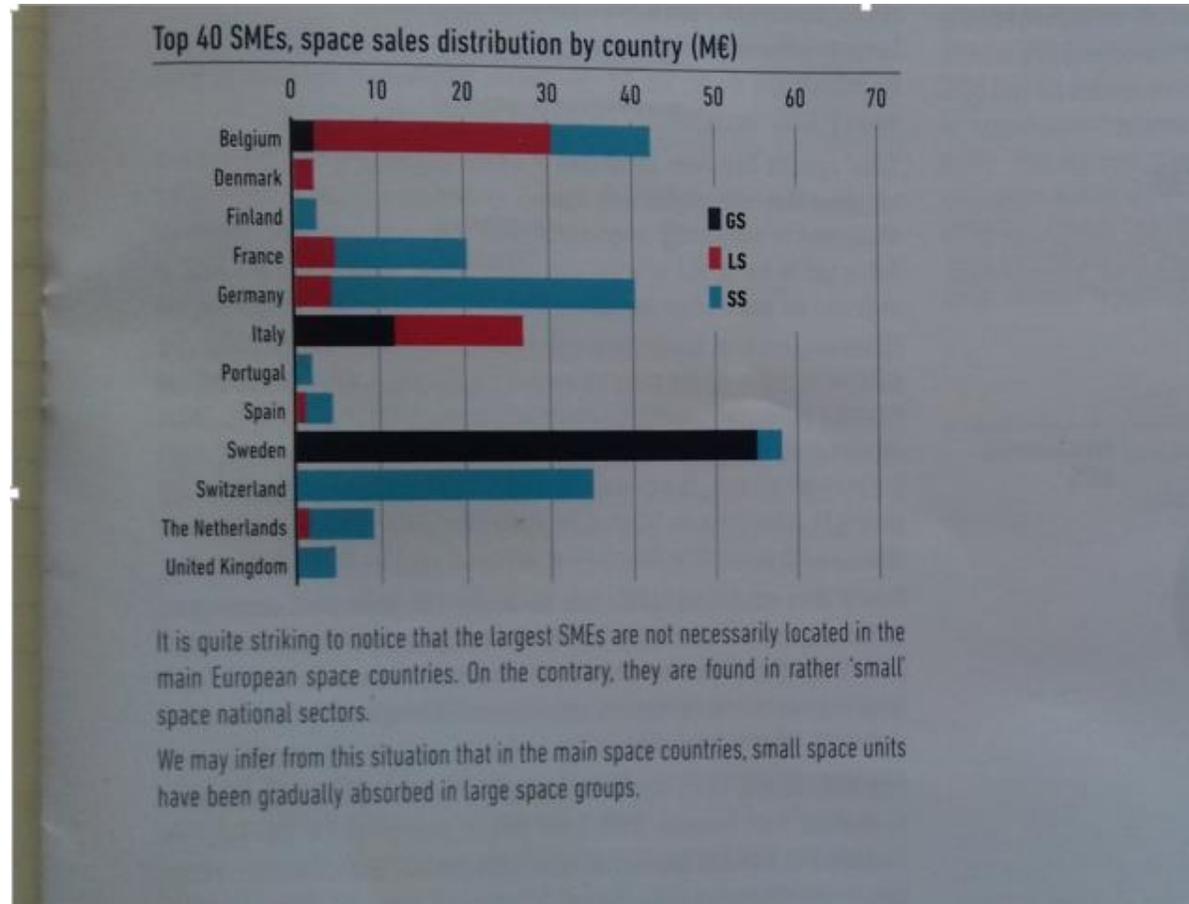


Employment by country (FTE) - Industry

- **Belgium:** 2014 : 1.564 > 2015 : 1.652 > **2016 : 1.752**
- France: 14.140
- Germany: 7.830
- Italy: 4.963
- United Kingdom: 3.722
- Spain: 3.359
- Netherlands: 965

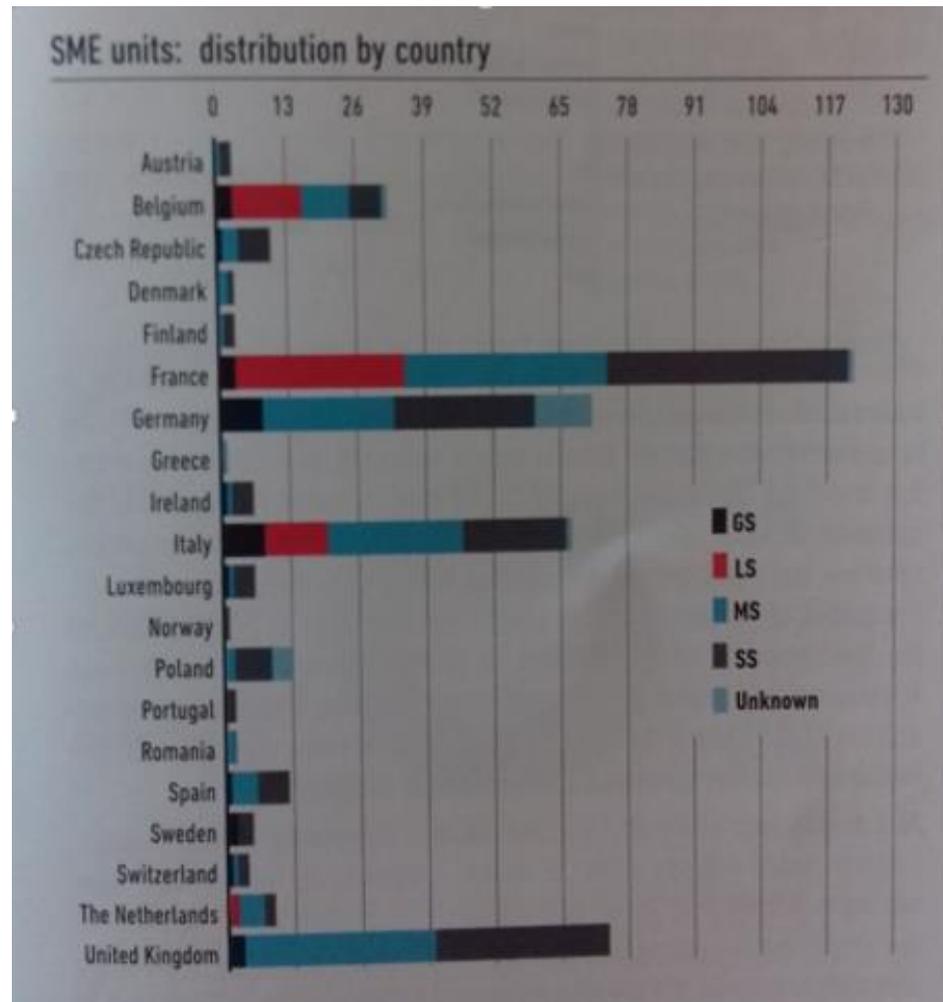
The 6 major ESA member states provide 90% of Eu space employment.

Top 40 largest SMEs - Space sales distribution in Europe 2016 (ASD Eurospace)



SS: Spacecraft System
LS: Launcher System
GS: Ground segment

SME units: most SMEs are found in France, Germany, Italy, UK and Belgium!



GS: Ground Segment
LS: Launcher System
MS: Manufacturing Support
SS: Spacecraft System

By your side ensure continuity!



YouSpace a platform to improve interaction between Universities & professionals from the space sector

>> We organize:

- "Meeting Space Mentors/Space Mentees" twice a year with a call of each participant.
- "YouSpace in Universities" we go into Belgian Universities with 3 professionals

>> We plan:

- To launch a recruitment agency dedicated to the Belgium space sector

By your side ensure continuity



Our mission:

To give you the chance to:

- Improve your future professional choice
- Give you the opportunity to enlarge your contacts with space experts: leaders, professors,...
- Help you to take your first steps towards achieving your goals & boosting your career.

YouSpace helps you to find your professional path!



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Join Youspace
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