

WCCE Standing Committee Women in Engineering (WIE)

Lisbon

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Ordem dos Engenheiros, Portugal



25 September 2019

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WIE - Women in Engineering

Created during the 9th GA in Costa Rica
(September 2016)

To engineer a better society, we need people of different genders, races, and backgrounds solving our problems.”
--- Jamie Clark

The UN has set 17 GOALS for a Sustainable Development World



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Why so few women in STEM fields?

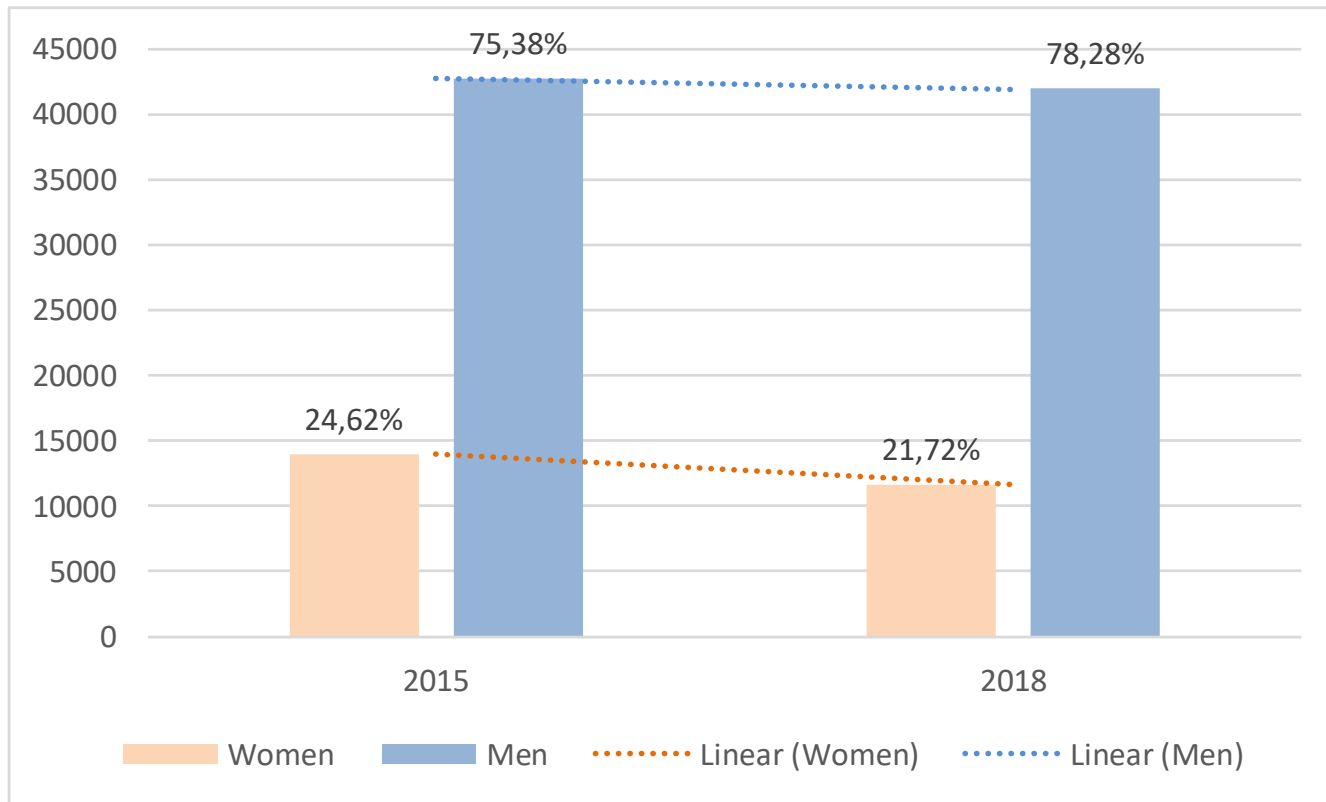


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Students in Engineering in Portugal



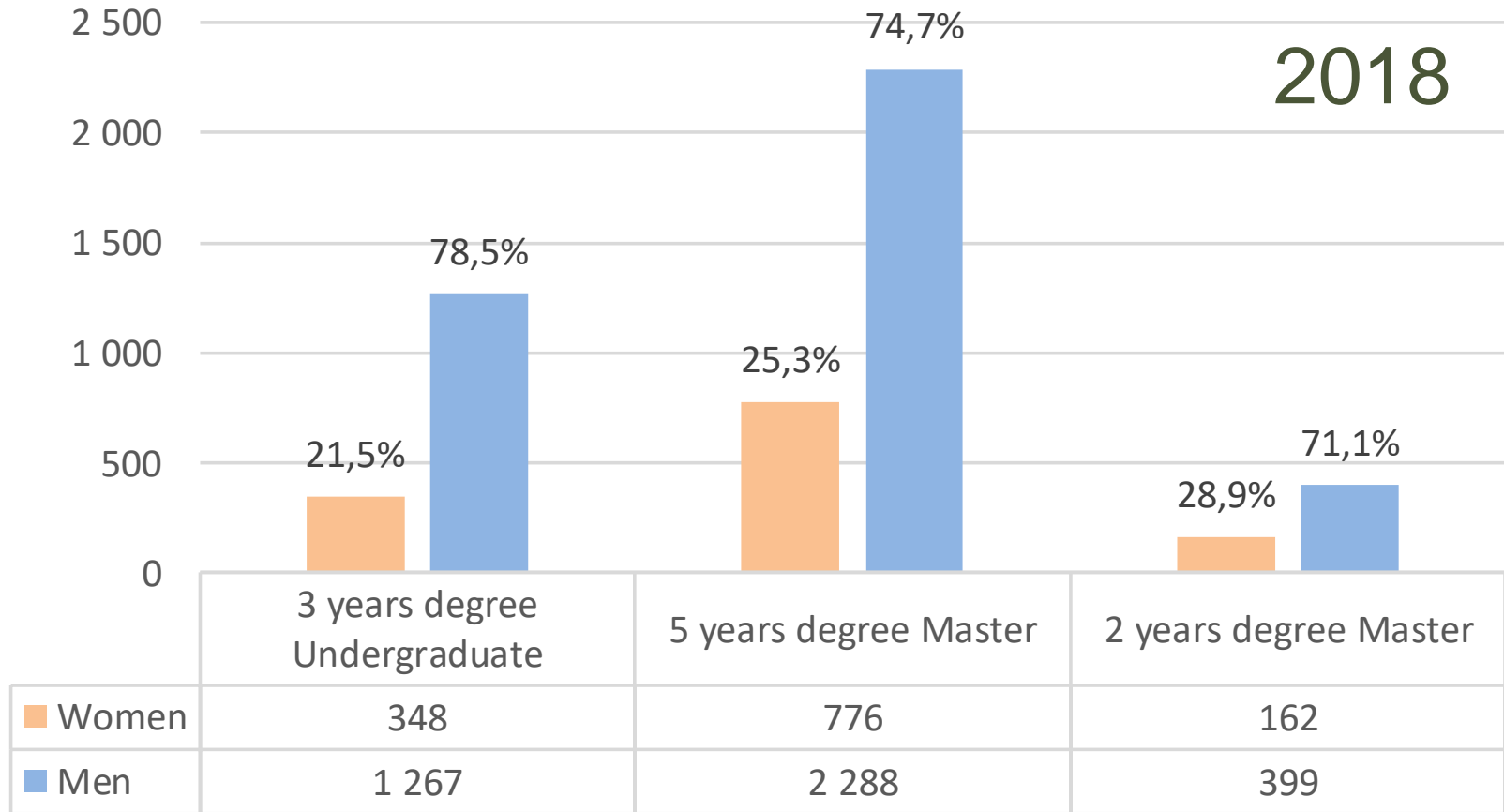
	Women	Men
2015	13953	42715
2018	11635	41945
Diferencial	-2318	-770

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Students in Civil Engineering in Portugal



Women Men

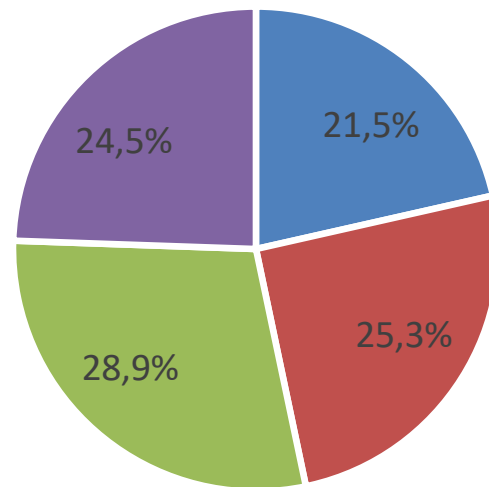
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Students in Civil Engineering in Portugal

% Women Civil 2018



- 3 years degree Undergraduate
- 5 years degree Master
- 2 years degree Master
- Total



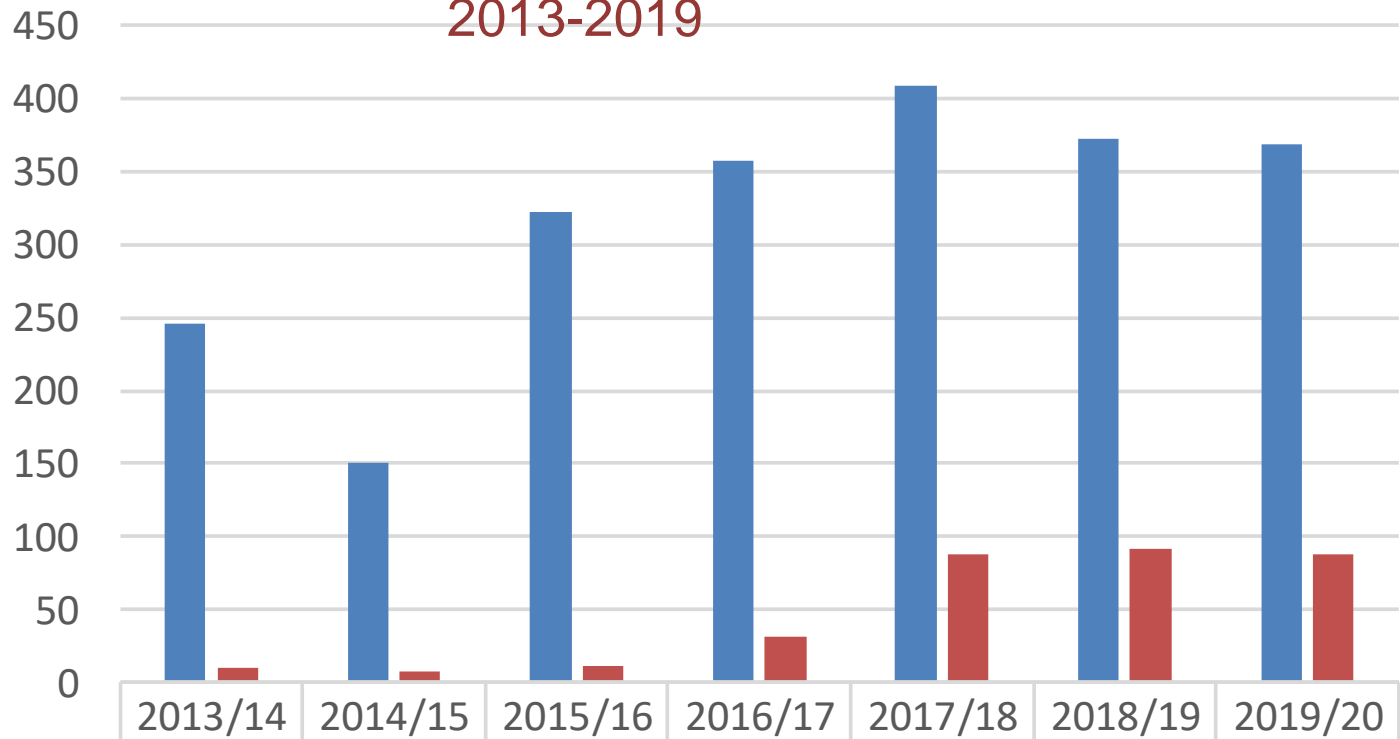
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Candidates of Students for Civil Engineering in the 1st Phase

2013-2019



■ Universities	246	150	322	358	409	373	369
■ Polytechnic Inst	10	8	11	31	88	91	88

■ Universities ■ Polytechnic Inst

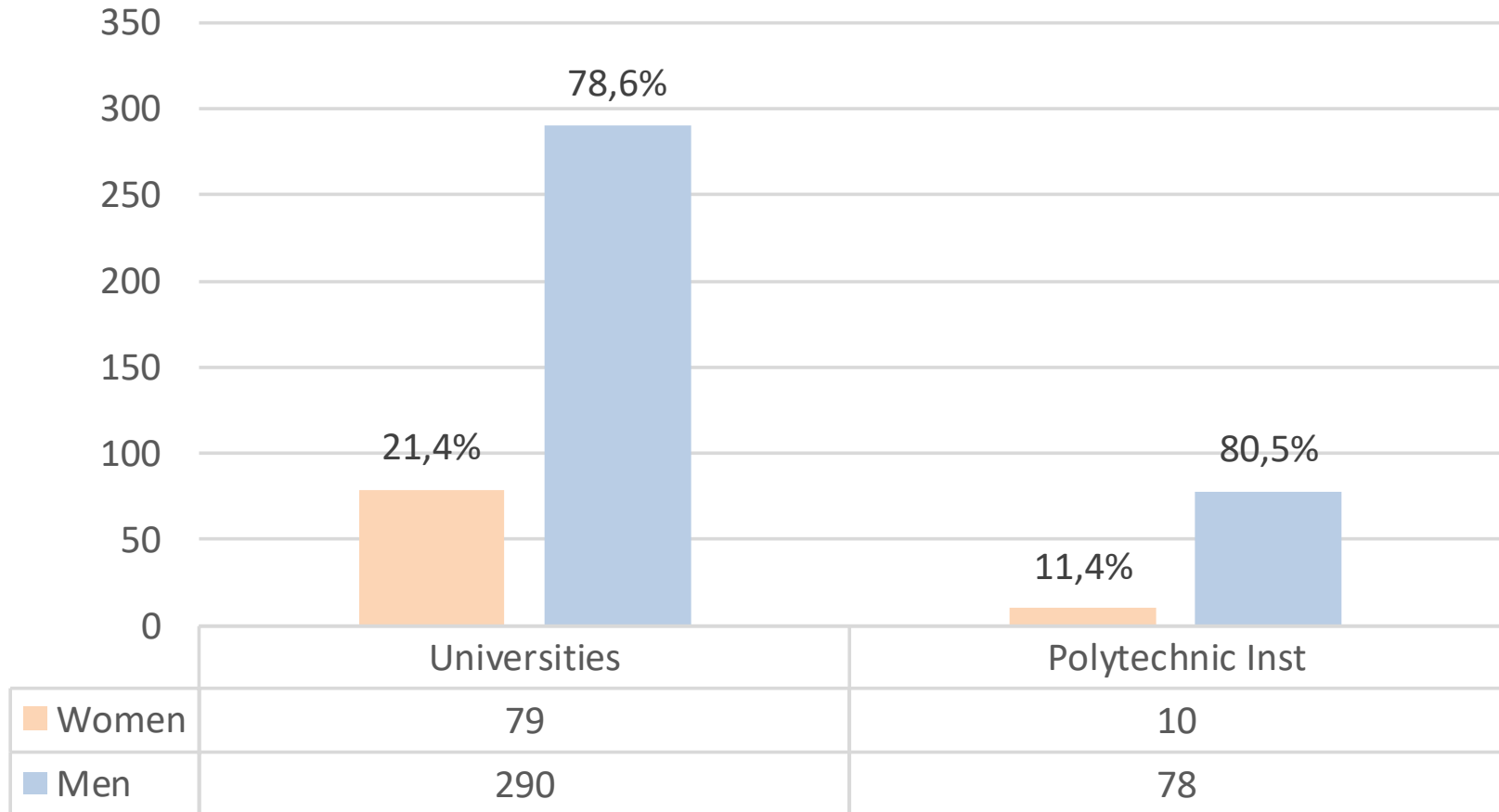


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Candidates for Civil Engineering in 2019 in the 1st Phase



Women Men



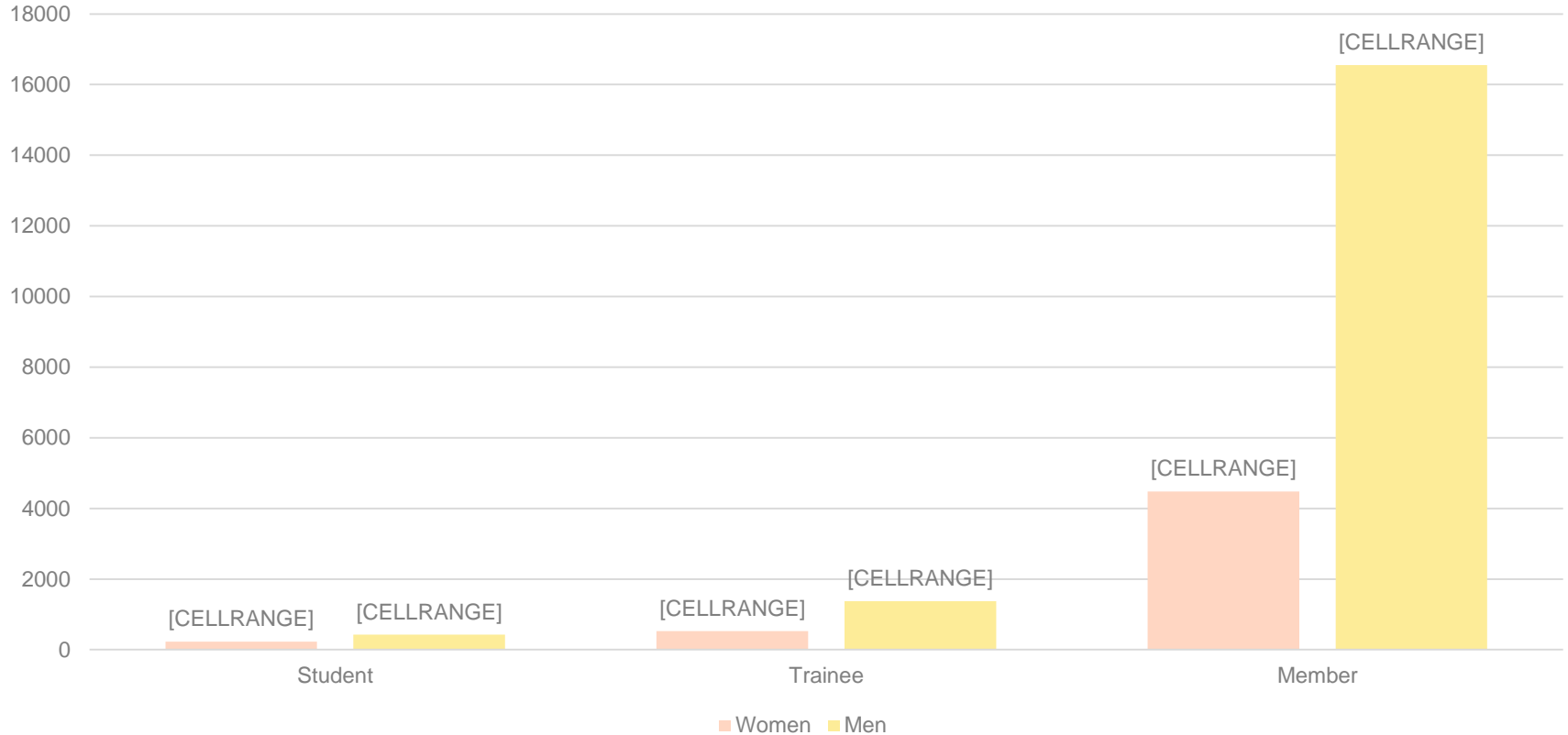
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Professionals in Civil Engineering in Portugal

2018

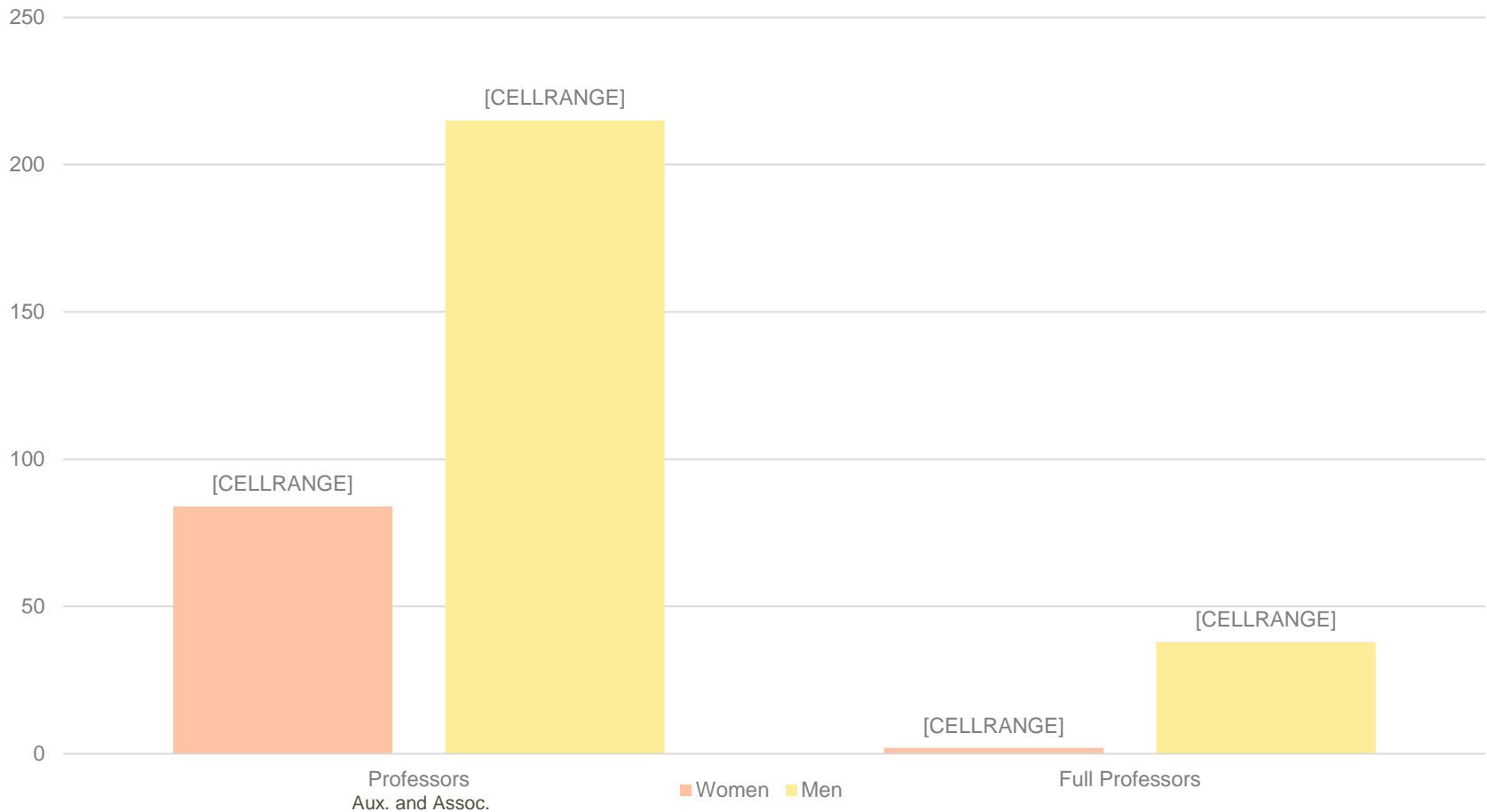


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University Professors in Portugal

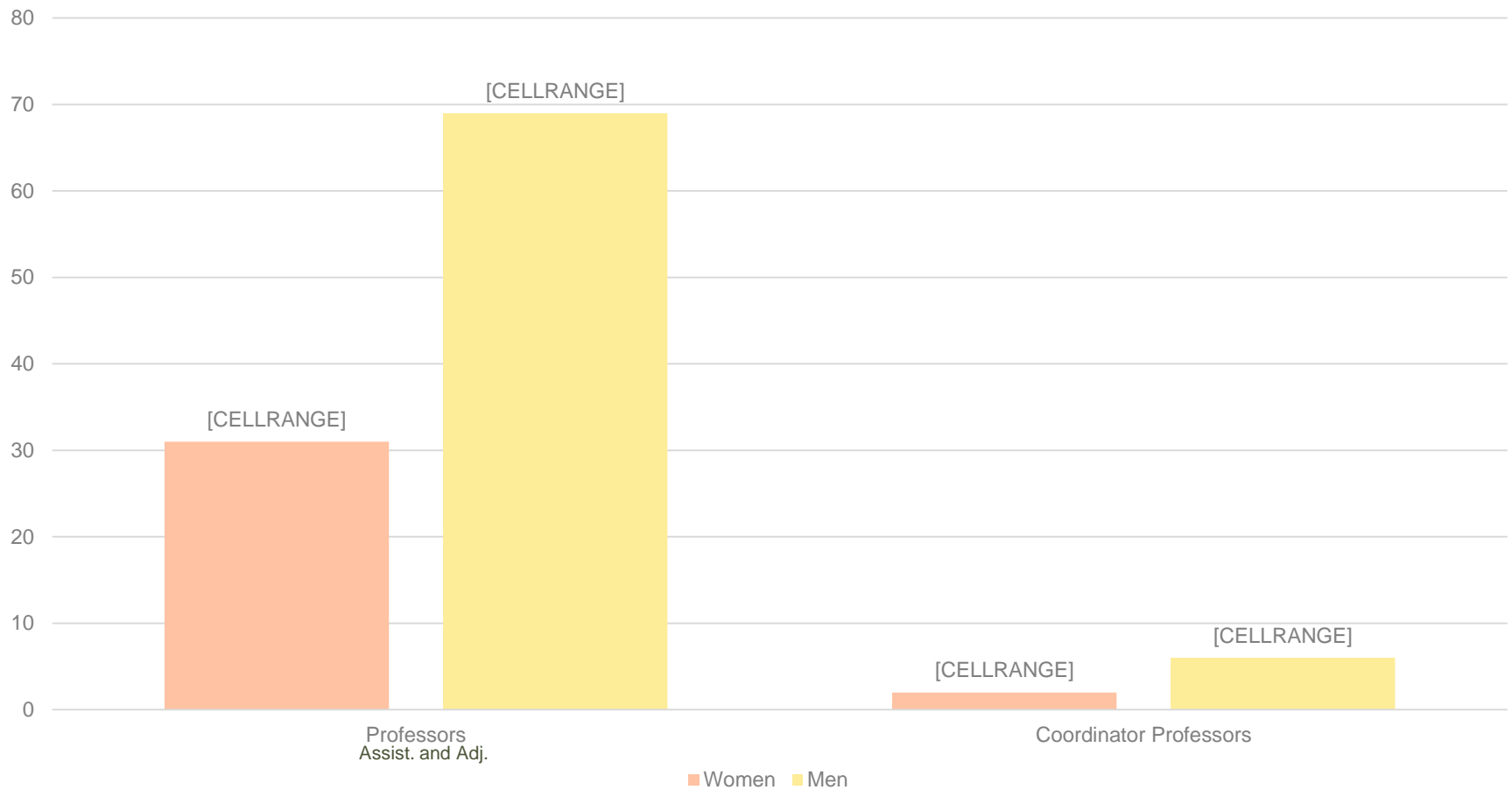


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Polytechnic Professors in Portugal



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In Georgia

- Female PhD Students - 10%
- Female Master's Students - 6%
- Women engineers registered in the Georgian Society of Civil Engineers - 9%
- Women registered (2019) - 11,5 %



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In Montenegro

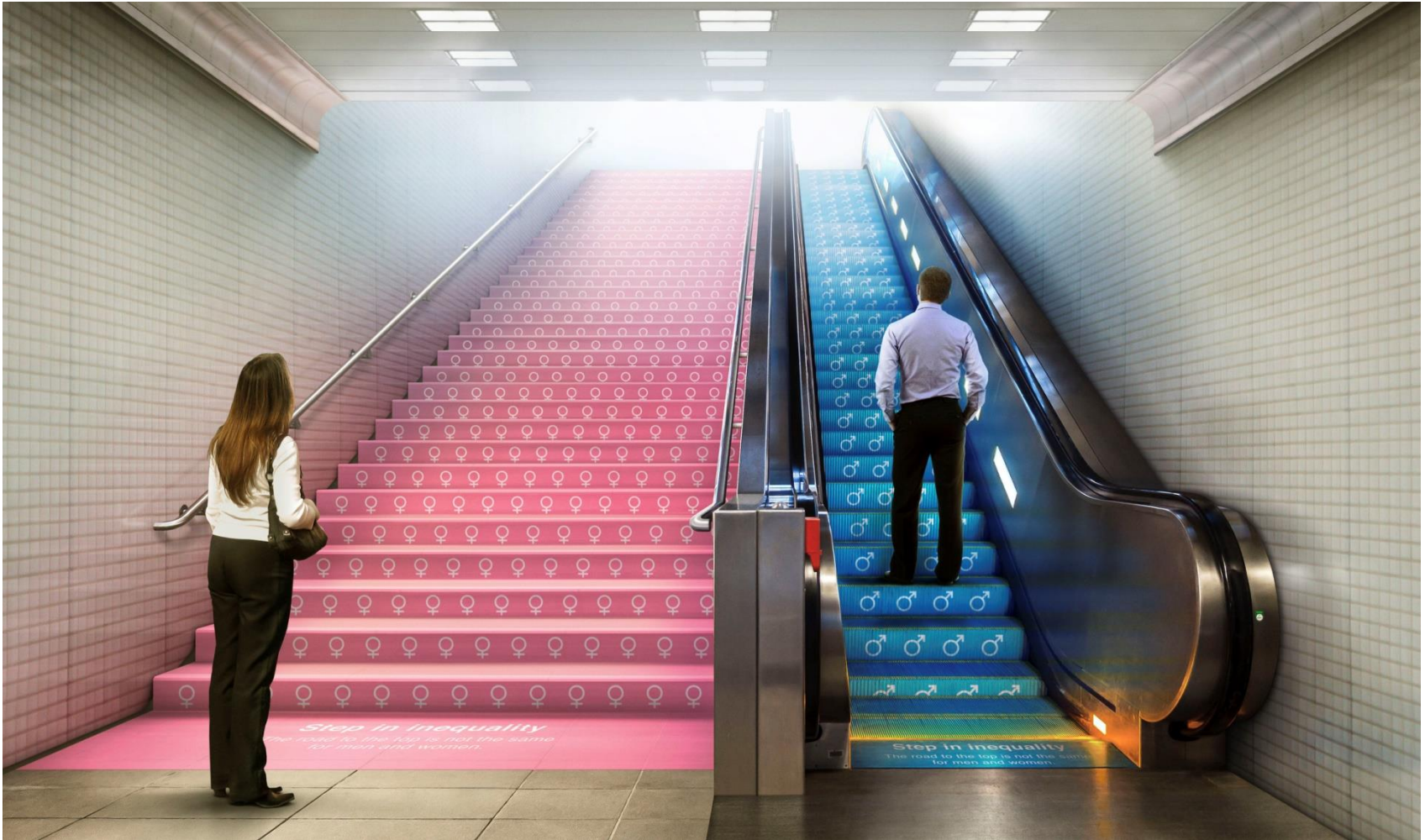
- Female Members of the Chamber of Engineers - 26%
- Female Civil Engineers of the Chamber of Engineers - 33%
- Female Civil Engineers registered during last year in the Chamber of Engineers - 50%
- Civil Eng. of the Chamber of Engineers - 43%



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“To ensure gender equality in Civil Engineering”



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What can WCCE do just now?

Some ideas...

- Promote participation of women in **WCCE Committees**
- Encourage young women or even female students to actively participate in **technical events** (i.e. lecturers at international-national conferences co-organized by WCCE)
- Promote participation of women in **managerial positions** within WCCE
- **Show-case** WCCE female members



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Thank you very much



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