

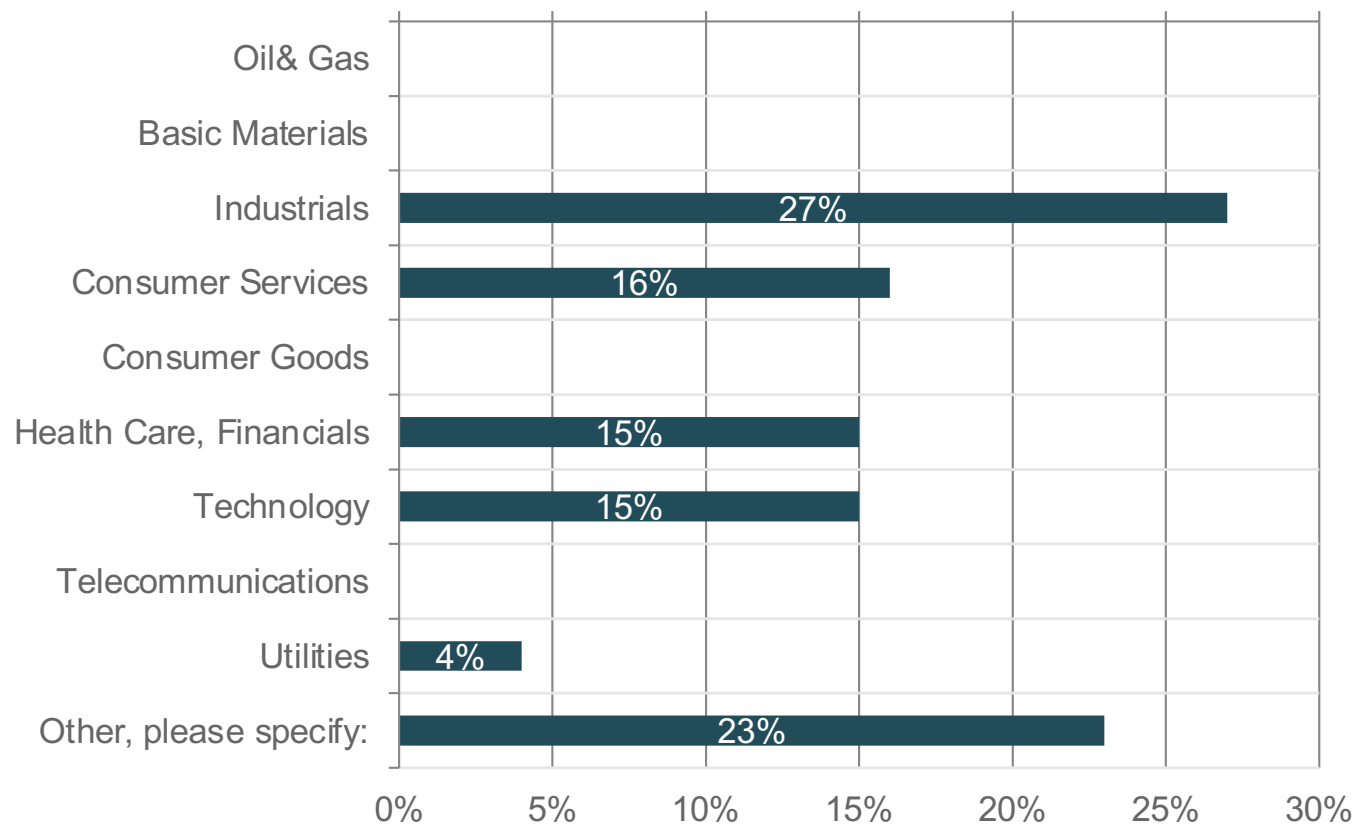
**Survey on ESEF (European Single Electronic Format) financial reporting requirements (xHTML and iXBRL), April 2021**

# Survey

- The survey was conducted in collaboration between Aalto University School of Business, XBRL Finland and the Finnish Financial Supervisory Authority.
- The aim of the survey was to probe the current state of XBRL implementation in Finnish issuers that are impacted by the ESEF reporting requirements. This survey is a follow-up survey to similar studies made in April 2020 and April 2019. The survey included background questions, questions on the current stage of implementation, questions concerning the choice of deployment model, and questions on issuers' opinions regarding XBRL and the ESEF reporting requirements.
- The survey was conducted in April 2021. The survey was sent to 145 Finnish issuers and 27 responses were received, yielding a response rate of 19%.
- The following slides report the findings of the survey and make a comparison between the responses given by the issuers in 2019, 2020, and 2021.
- The survey was administered by Esko Penttinen from Aalto University (esko.penttinen@aalto.fi).

## 1. In what industry does your company operate in?

Vastaajien määrä: 26



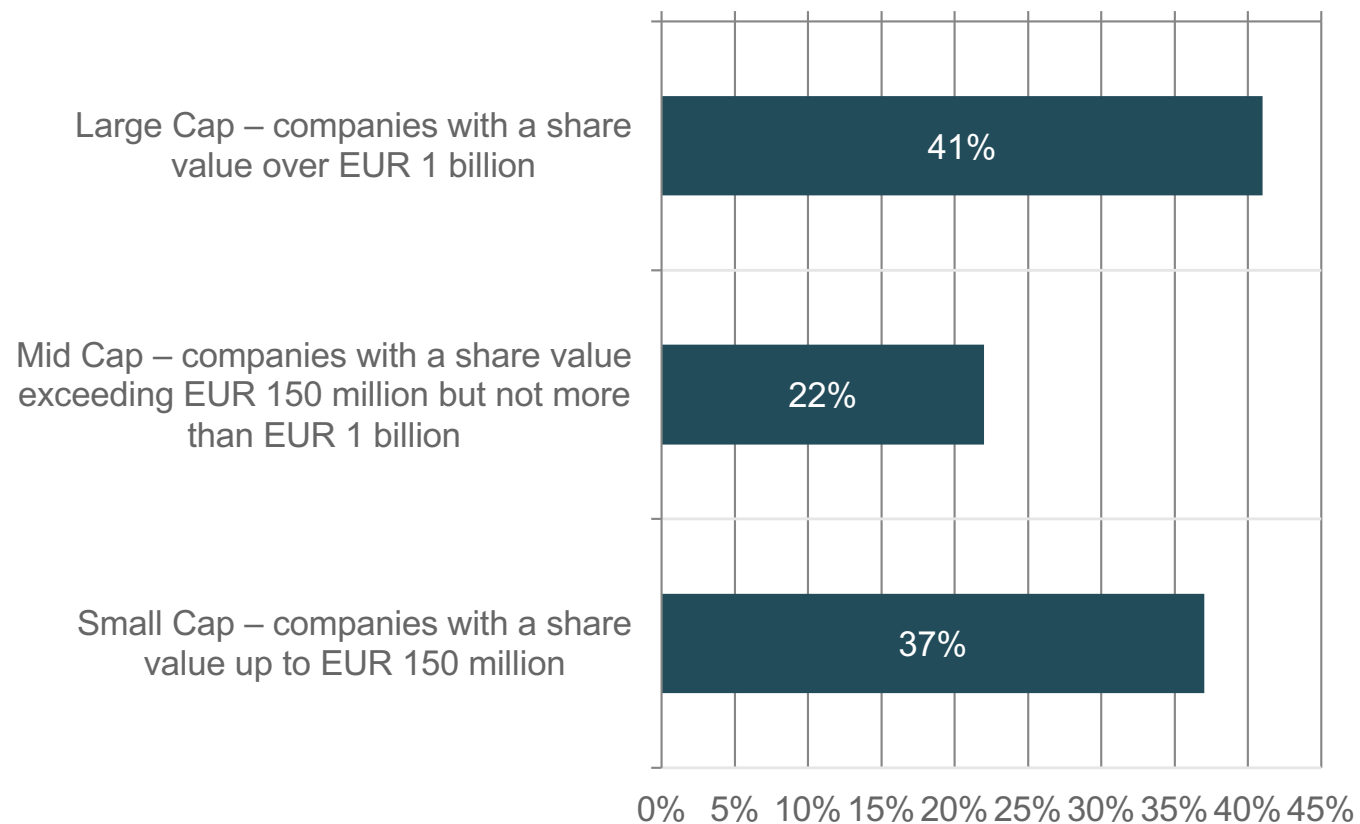
## 1. In what industry does your company operate in?

Vastaajien määrä: 26

	n	Prosentti
Oil& Gas	0	0%
Basic Materials	0	0%
Industrials	7	26,9%
Consumer Services	4	15,4%
Consumer Goods	0	0%
Health Care, Financials	4	15,4%
Technology	4	15,4%
Telecommunications	0	0%
Utilities	1	3,8%
Other, please specify:	6	23,1%

## 2. In what segment are you listed?

Vastaajien määrä: 27



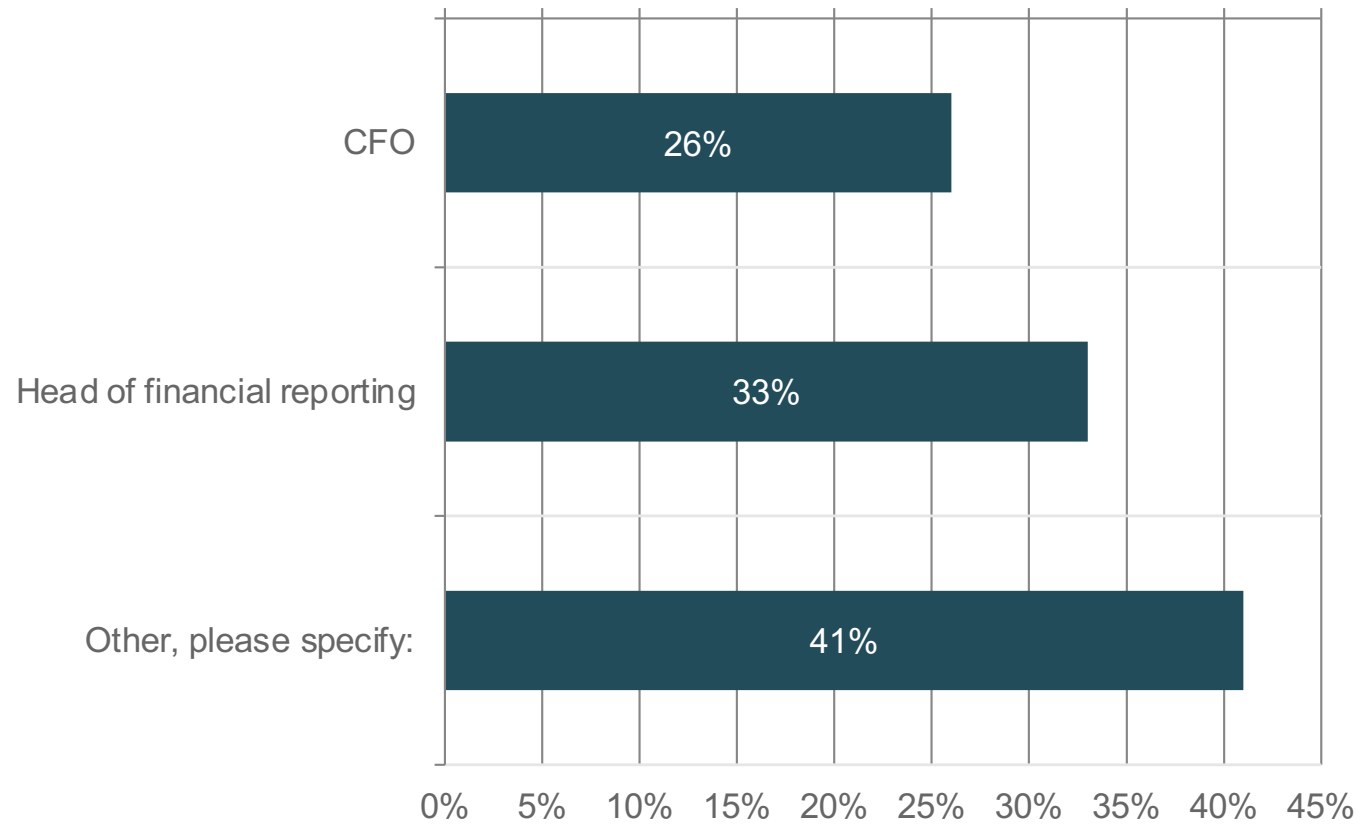
## 2. In what segment are you listed?

Vastaajien määrä: 27

	n	Prosentti
Large Cap – companies with a share value over EUR 1 billion	11	40,8%
Mid Cap – companies with a share value exceeding EUR 150 million but not more than EUR 1 billion	6	22,2%
Small Cap – companies with a share value up to EUR 150 million	10	37%

### 3. What is your role?

Vastaajien määrä: 27



### 3. What is your role?

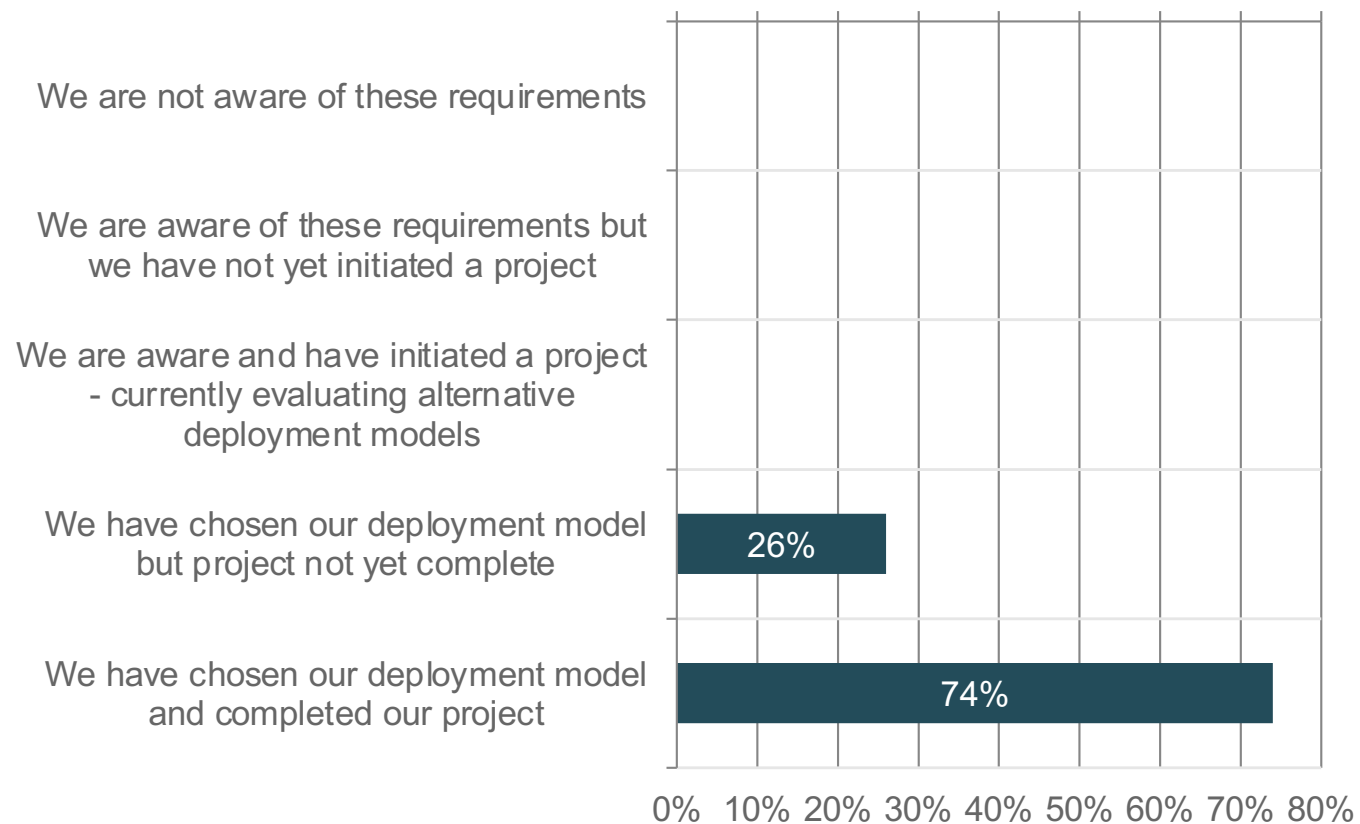
Vastaajien määrä: 27

	n	Prosentti
CFO	7	25,9%
Head of financial reporting	9	33,3%
Other, please specify:	11	40,8%



#### 4. At what stage are you in fulfilling the ESEF financial reporting requirements?

Vastaajien määrä: 27



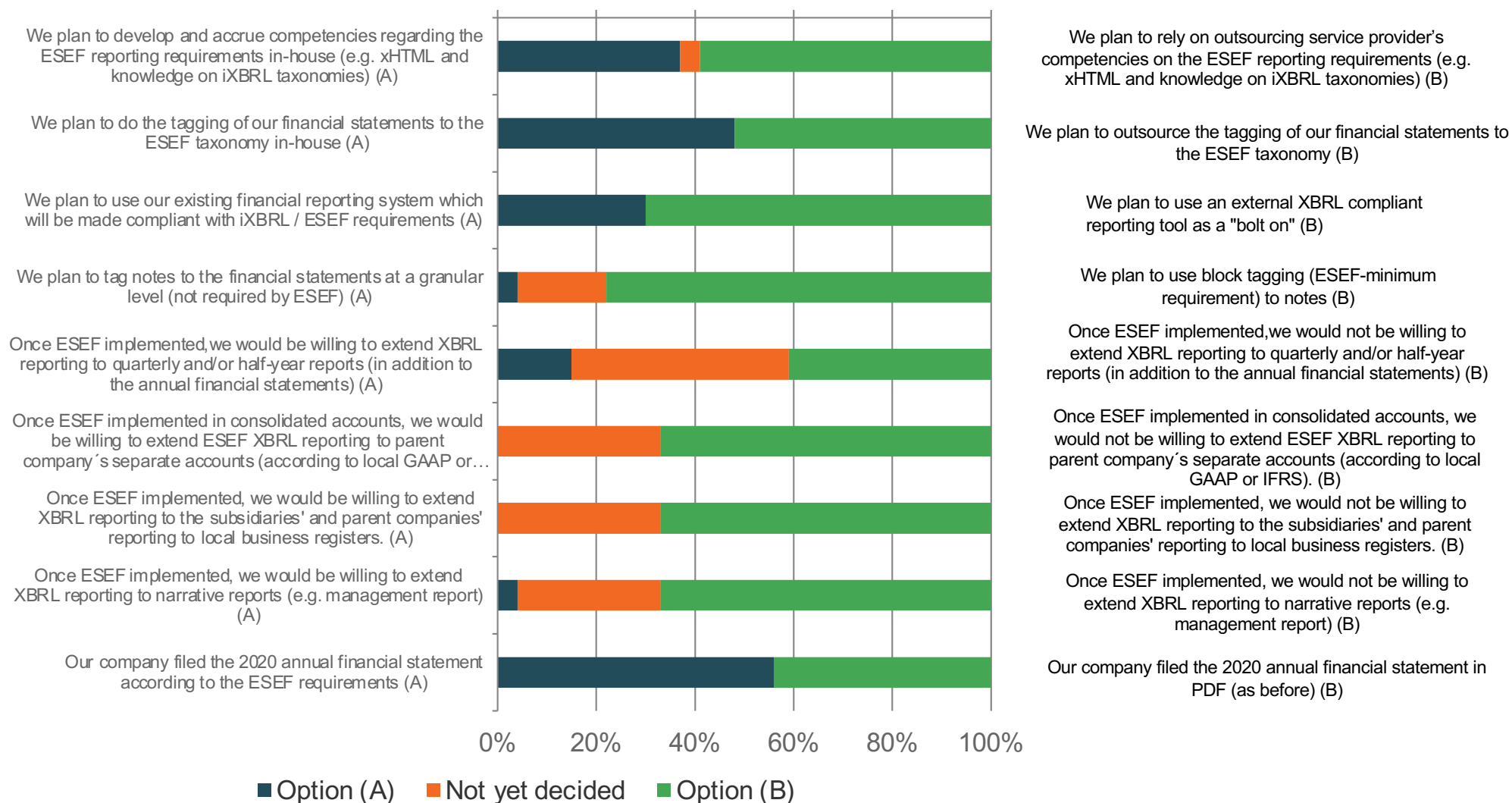
#### 4. At what stage are you in fulfilling the ESEF financial reporting requirements?

Vastaajien määrä: 27

	n	Prosentti
We are not aware of these requirements	0	0%
We are aware of these requirements but we have not yet initiated a project	0	0%
We are aware and have initiated a project - currently evaluating alternative deployment models	0	0%
We have chosen our deployment model but project not yet complete	7	25,9%
We have chosen our deployment model and completed our project	20	74,1%

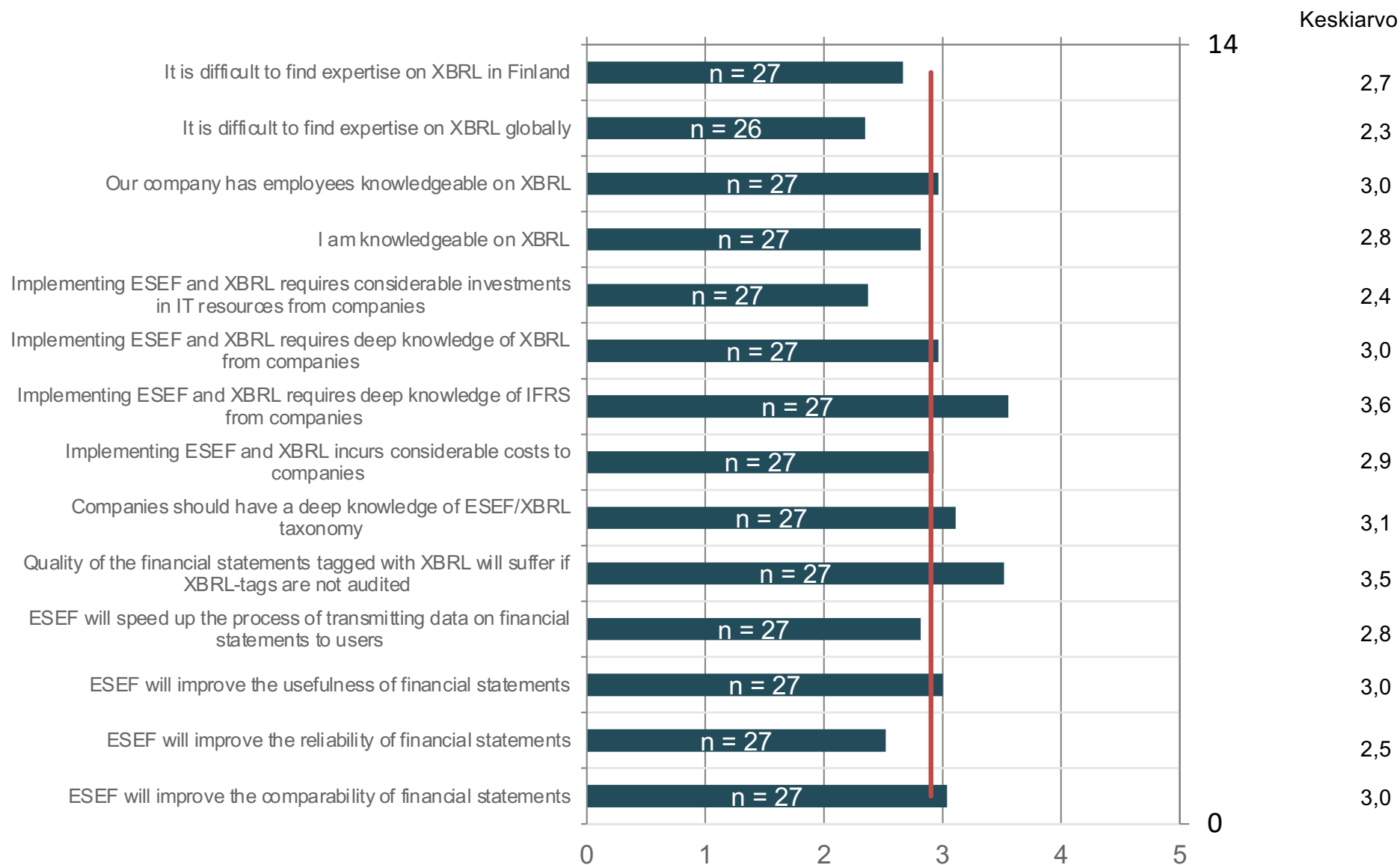
**5. Please indicate how you plan to implement the ESEF financial reporting requirements (for potentially unclear vocabulary, consult e.g. <https://www.xbrl.org/the-standard/how/getting-started-for-business/>)**

Vastaajien määrä: 27



**6. Please indicate on a scale (1 = do not agree ... 5 = agree), your opinion on the following statements regarding ESEF and XBRL**

Vastaajien määrä: 27

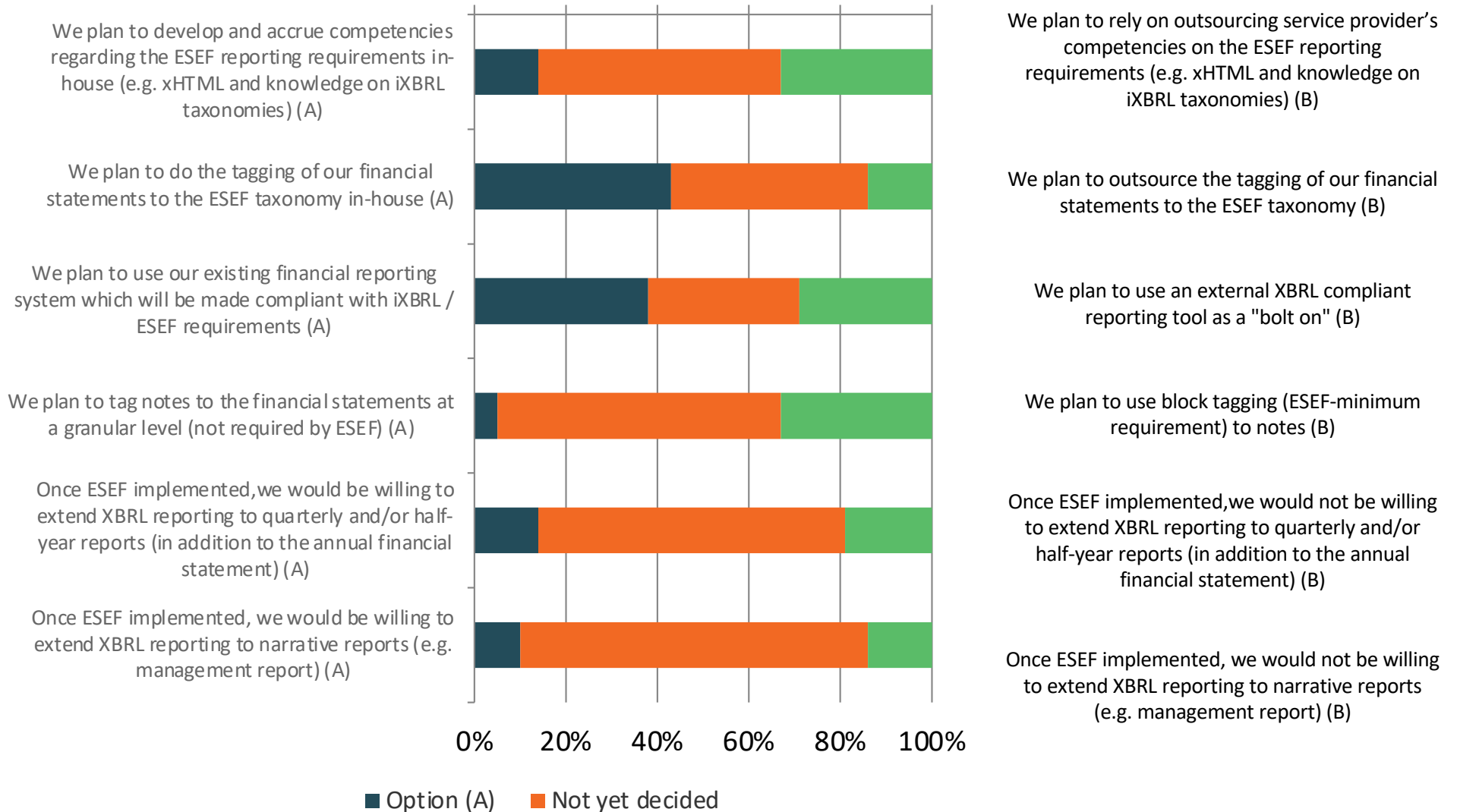


## **Comparison between 2019 and 2020**

**5. Please indicate how you plan to implement the ESEF financial reporting requirements (for potentially unclear vocabulary, consult e.g. <https://www.xbrl.org/the-standard/how/getting-started-for-business/>)**

Number of respondents: 21

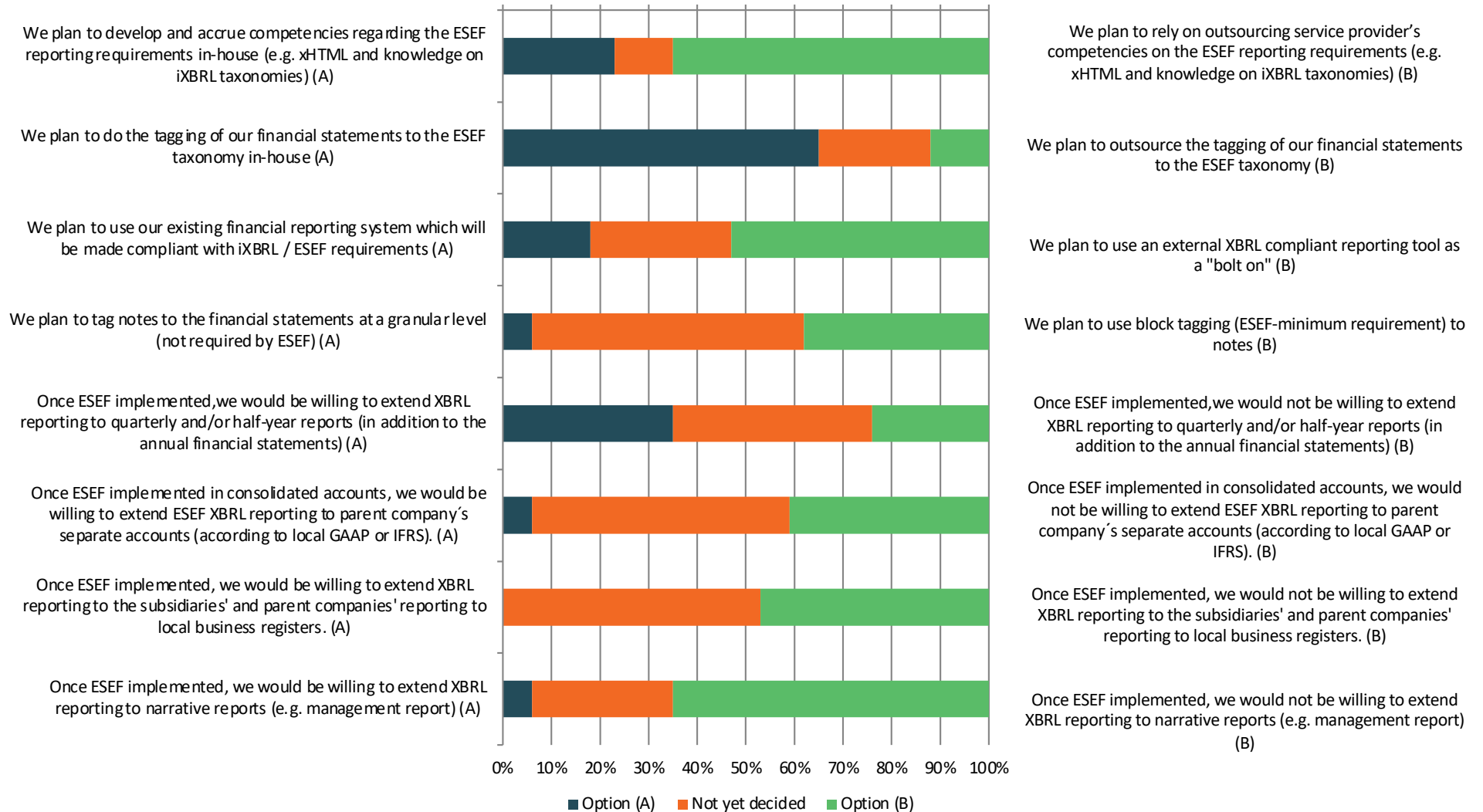
# 2019



## 5. Please indicate how you plan to implement the ESEF financial reporting requirements (for potentially unclear vocabulary, consult e.g. <https://www.xbrl.org/the-standard/how/getting-started-for-business/>)

Number of respondents: 17

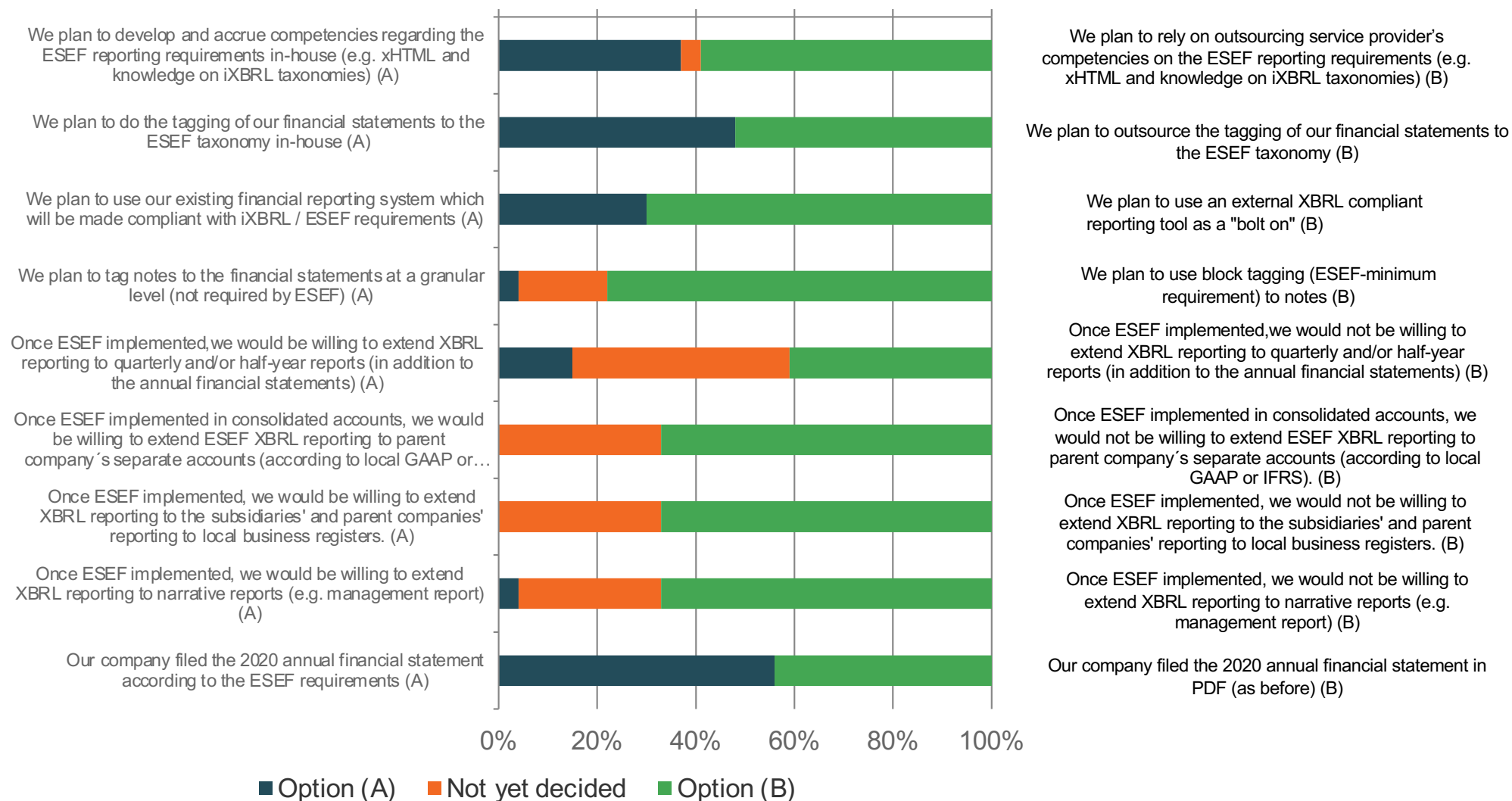
# 2020



5. Please indicate how you plan to implement the ESEF financial reporting requirements (for potentially unclear vocabulary, consult e.g. <https://www.xbrl.org/the-standard/how/getting-started-for-business/>)

# 2021

Vastaajien määrä: 27



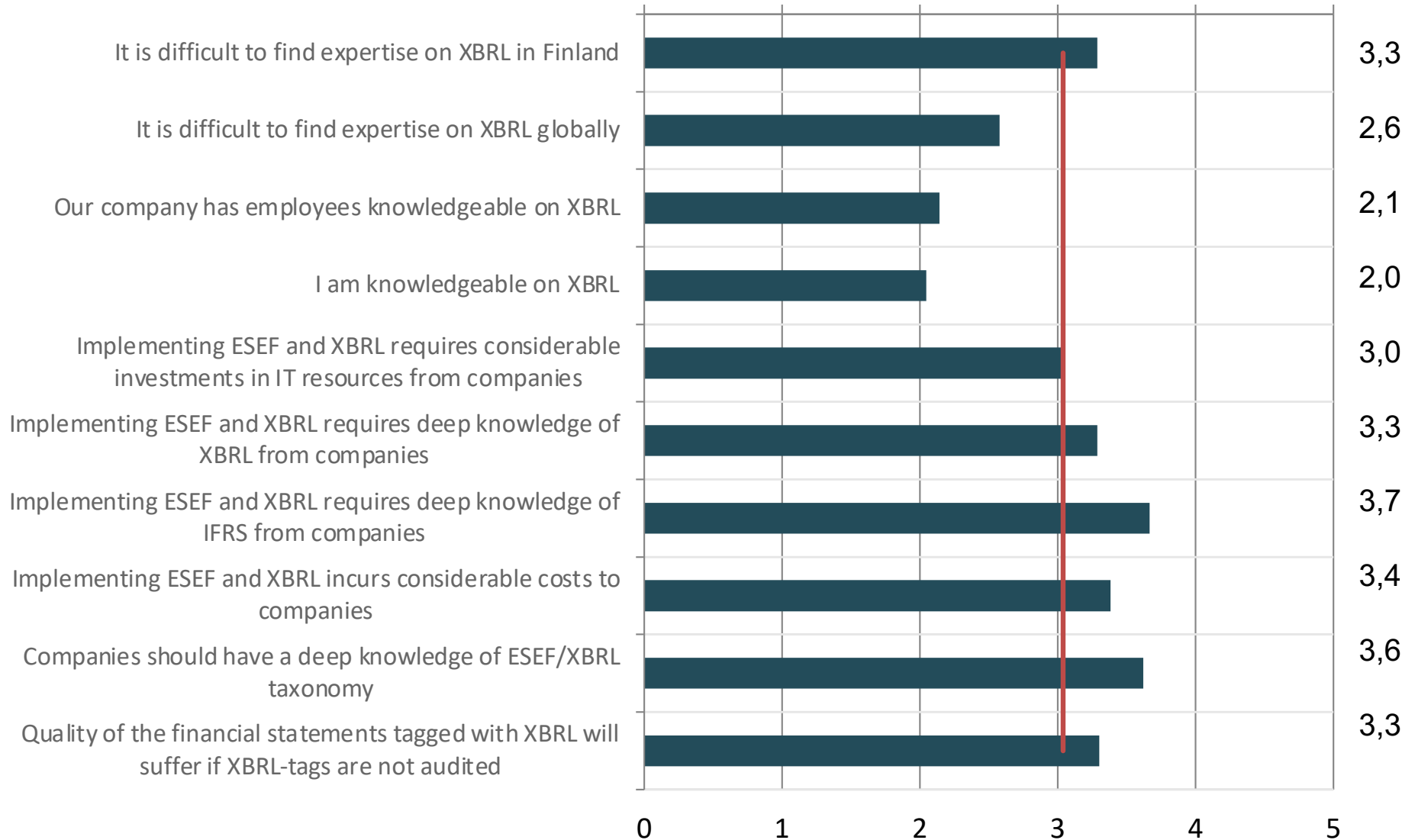


**6. Please indicate on a scale (1 = do not agree ... 5 = agree), your opinion on the following statements regarding ESEF and XBRL**

Vastaajien määrä: 21

**2019**

Keskiarvo

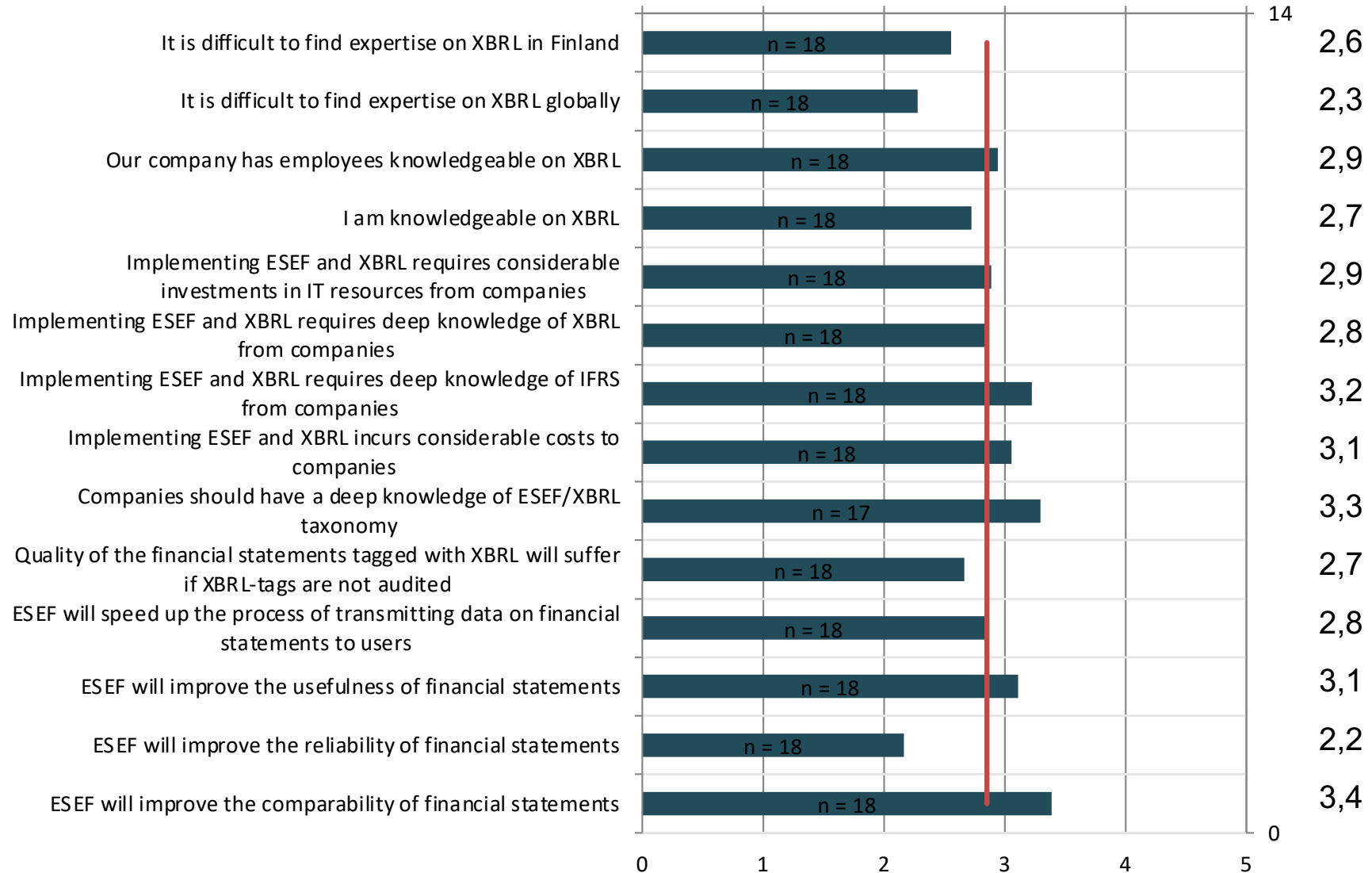


**6. Please indicate on a scale (1 = do not agree ... 5 = agree), your opinion on the following statements regarding ESEF and XBRL**

Number of respondents: 18

**2020**

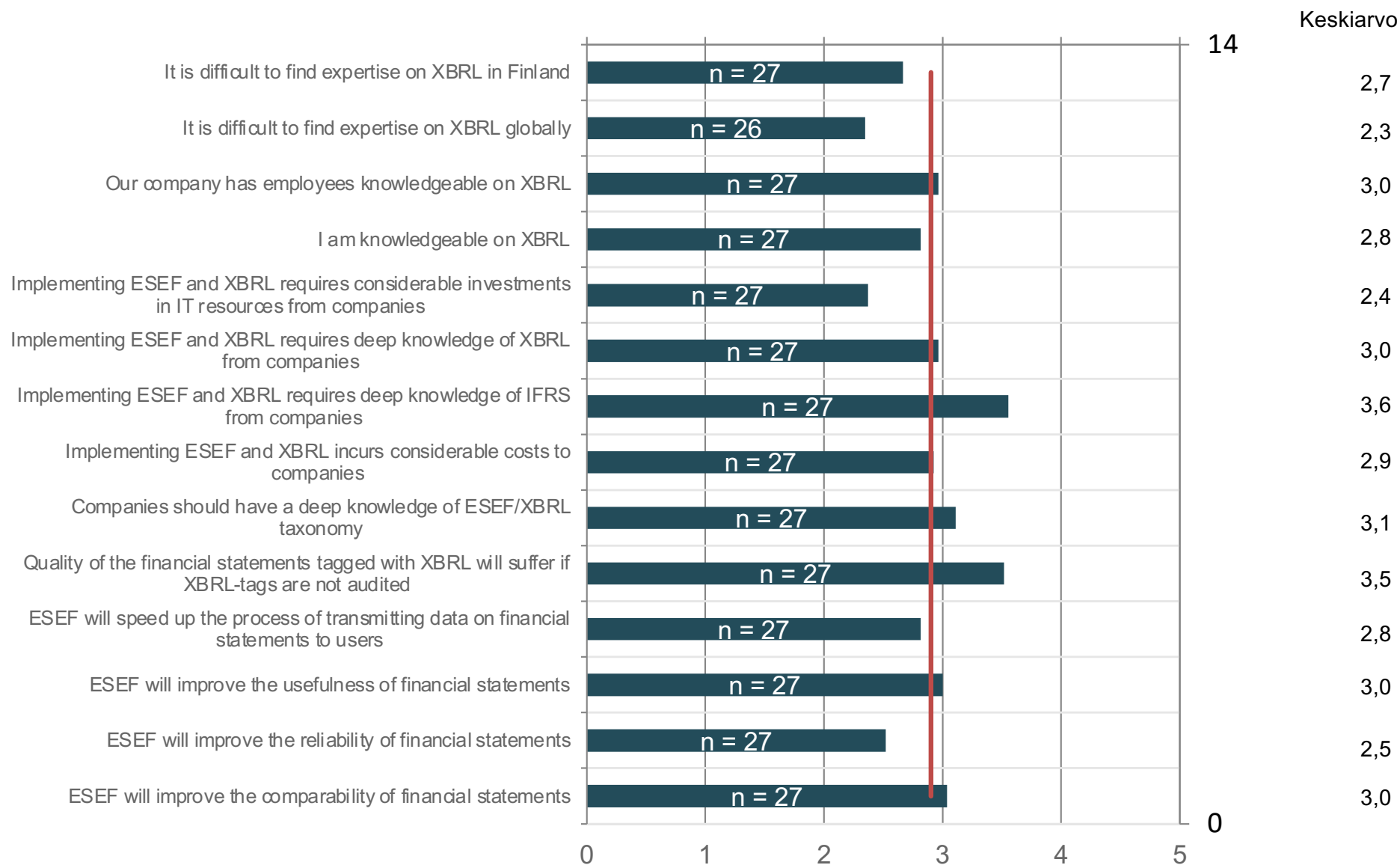
Keski arvo



6. Please indicate on a scale (1 = do not agree ... 5 = agree), your opinion on the following statements regarding ESEF and XBRL

# 2021

Vastaajien määrä: 27



# Observations on trends 2019 -> 2020 -> 2021

- Encouraging news for XBRL
  - Respondents find that it is less difficult to find expertise on XBRL in Finland in 2021/2020 (2,7/2,6) compared to 2019 (3,3), and issuers have employees knowledgeable on XBRL (2,1 -> 2,9 -> 3,0)
  - Fewer respondents feel that implementing XBRL incurs considerable costs (3,4 -> 3,1 -> 2,9)
  - Steady progression towards completion of ESEF project as in 2021, 74% of respondents have completed their ESEF project, 26% have selected the deployment model but project not yet complete
- Regarding deployment model
  - Balance between outsourcing and in-house development: tagging 50/50
  - “Bolt-on” preferred at 70%
- Voluntarily extending XBRL reporting
  - Many companies have opted for voluntary filing for the 2020 financial statements (56%), other than that, companies opt for the minimum requirements
- Benefits of XBRL
  - Companies are increasingly skeptical about the improvements in comparability (3,4 -> 3,0)
  - Companies increasingly feel that XBRL could improve reliability of financial reporting (2,2 -> 2,5)