The North Sea Offshore Wind Service Industry: Status, perspectives and a joint action plan
- DTU Orbit (07/02/2019)

The North Sea Offshore Wind Service Industry: Status, perspectives and a joint action plan

The Offshore Wind Service sector is about to established itself as an industrial sector with an own identity, own organisation, and with large future challenges. The article introduces this new sector, including assessment of present and future market sizes. The overall aim of the research reported in this article was to increase the innovation capacity of the European offshore wind servicing (OWS) sector by establishing cross-regional cooperation and intensifying the relationship between research and the offshore wind industry. The article uses the concept of innovation system foresight (ISF). The linking of the two concepts of foresight and innovation systems has been explored by several studies, but ISF takes a further integration of the two concepts. The article presents a set of concrete actions at multiple levels to support the development of the offshore wind service sector. The findings provides an input for a concerted effort for supporting both the offshore wind development and the emerging clusters of offshore wind services around the North Sea. In addition, the article addresses the value of the ISF approach to such policy development.

General information
State: Published
Organisations: Department of Management Engineering, Technology and Innovation Management, Transport DTU, Department of Wind Energy, Integration & Planning
Contributors: Andersen, P. D., Clausen, N., Cronin, T., Piirainen, K. A.
Pages: 2672-2683
Publication date: 2018
Peer-reviewed: Yes

Publication information
Journal: Renewable and Sustainable Energy Reviews
Volume: 81
Issue number: 2
ISSN (Print): 1364-0321
Ratings:
BFI (2019): BFI-level 2
Web of Science (2019): Indexed yes
BFI (2018): BFI-level 2
Web of Science (2018): Indexed yes
BFI (2017): BFI-level 2
Scopus rating (2017): CiteScore 10.54 SJR 3.036 SNIP 3.594
Web of Science (2017): Impact factor 9.184
Web of Science (2017): Indexed yes
BFI (2016): BFI-level 2
Scopus rating (2016): CiteScore 9.52 SJR 2.998 SNIP 3.501
Web of Science (2016): Impact factor 8.05
Web of Science (2016): Indexed yes
BFI (2015): BFI-level 2
Scopus rating (2015): CiteScore 8.35 SJR 2.921 SNIP 3.368
Web of Science (2015): Indexed yes
BFI (2014): BFI-level 2
Scopus rating (2014): CiteScore 7.79 SJR 3.03 SNIP 3.72
Web of Science (2014): Impact factor 5.901
Web of Science (2014): Indexed yes
BFI (2013): BFI-level 1
Scopus rating (2013): CiteScore 7.88 SJR 2.98 SNIP 3.893
Web of Science (2013): Impact factor 5.51
ISI indexed (2013): ISI indexed yes
Web of Science (2013): Indexed yes
BFI (2012): BFI-level 1
Scopus rating (2012): CiteScore 7.24 SJR 2.734 SNIP 3.861
Web of Science (2012): Impact factor 5.627
ISI indexed (2012): ISI indexed yes
Web of Science (2012): Indexed yes
BFI (2011): BFI-level 1
Scopus rating (2011): CiteScore 7.39 SJR 2.717 SNIP 3.911
Web of Science (2011): Impact factor 6.018
ISI indexed (2011): ISI indexed yes
Web of Science (2011): Indexed yes
BFI (2010): BFI-level 1
Scopus rating (2010): SJR 2.338 SNIP 3.092
Web of Science (2010): Impact factor 4.595
Web of Science (2010): Indexed yes
BFI (2009): BFI-level 1
Scopus rating (2009): SJR 2.457 SNIP 3.608
BFI (2008): BFI-level 2
Scopus rating (2008): SJR 2.425 SNIP 3.173
Web of Science (2008): Indexed yes
Scopus rating (2007): SJR 2.001 SNIP 3.386
Scopus rating (2006): SJR 0.86 SNIP 1.704
Scopus rating (2005): SJR 0.921 SNIP 2.591
Scopus rating (2004): SJR 1.123 SNIP 2.216
Scopus rating (2003): SJR 0.795 SNIP 2.464
Scopus rating (2002): SJR 0.664 SNIP 2.331
Scopus rating (2001): SJR 0.196 SNIP 1.018
Scopus rating (2000): SJR 0.157 SNIP 1.065
Scopus rating (1999): SJR 0.207 SNIP 1.44
Original language: English
DOIs:
10.1016/j.rser.2017.06.073
Source: Scopus
Source-ID: 85023782441
Research output: Research - peer-review › Journal article – Annual report year: 2018