



WIND ENERGY IN POLAND

Coal Regions in Transition Virtual Week -
Employment potentials in the energy value-chain
in Europe's coal regions in transition

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- ✓ 100 member organisations
- ✓ 2 decades of experience in energy policy shaping
- ✓ www.psew.pl



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Wind industry in Poland today



- ✓ **6,3 GW** of operating onshore wind turbines + circa **4 GW** under construction
- ✓ Next auction for RES – June 2021 (we expect around 600 MW for onshore wind and 1000 MW for PV projects)



8,7 GW in localisation permits for offshore wind projects



8-10 k jobs directly in the industry and 13-17 k around the sector



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Outlook for the next decades

Installed capacity and labour market in the industry

(installed capacity in the state's strategic documents vs. potential)

PEP-2040 (Polish Energy Policy)	Potential (Staffing capabilities)
Onshore 10 GW	22-24 GW (2040) (+42 k jobs)
Offshore 5,9 GW (2030) 11 GW (2040)	28 GW (2050) (+ 34 k jobs just out of first 10 GW)



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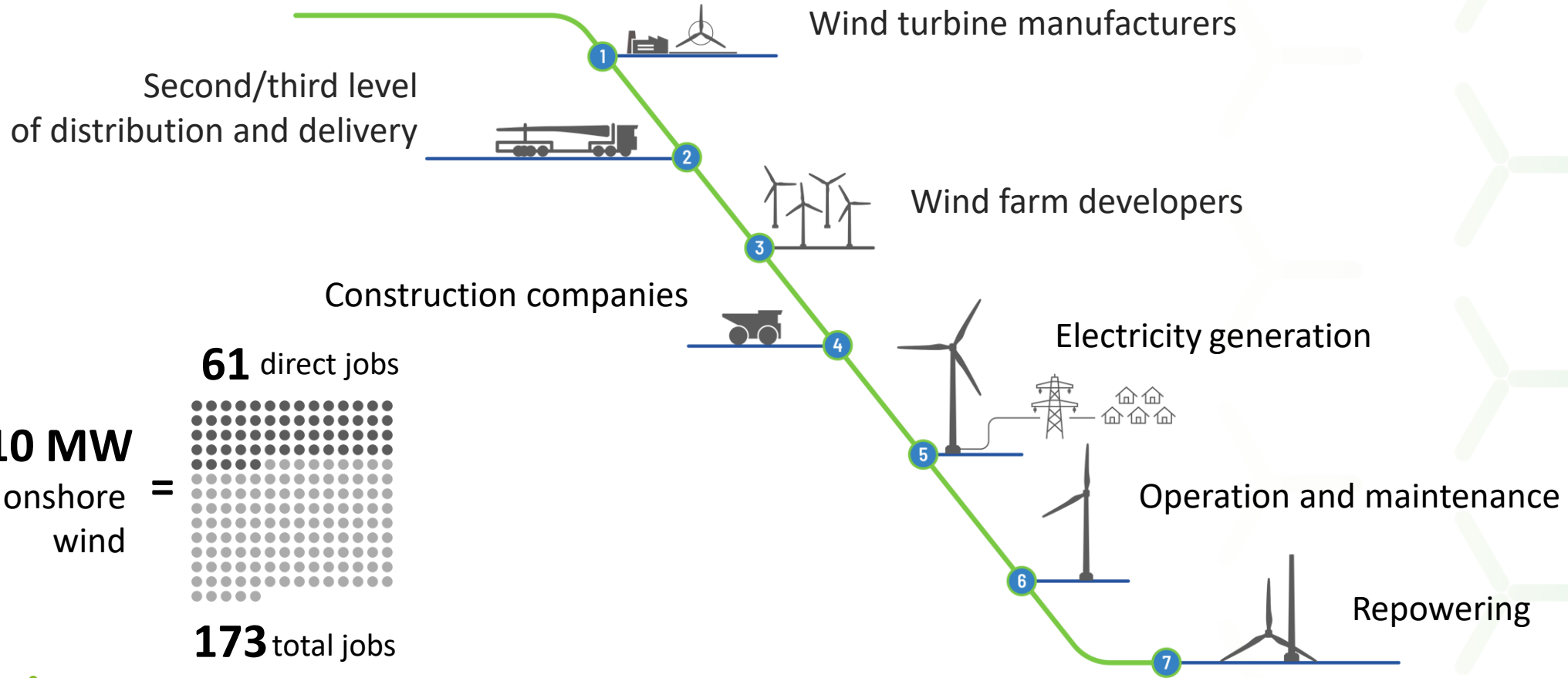
Building regulatory foundations for further onshore wind development

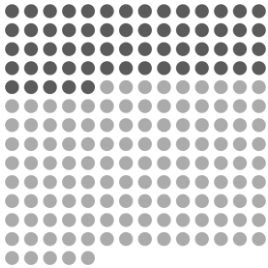
- The Distance Act is included in the list of legislative and program work of the Council of Ministers
- Public consultations launch expected within upcoming month



Local content – onshore wind energy

Supply chain for Polish wind

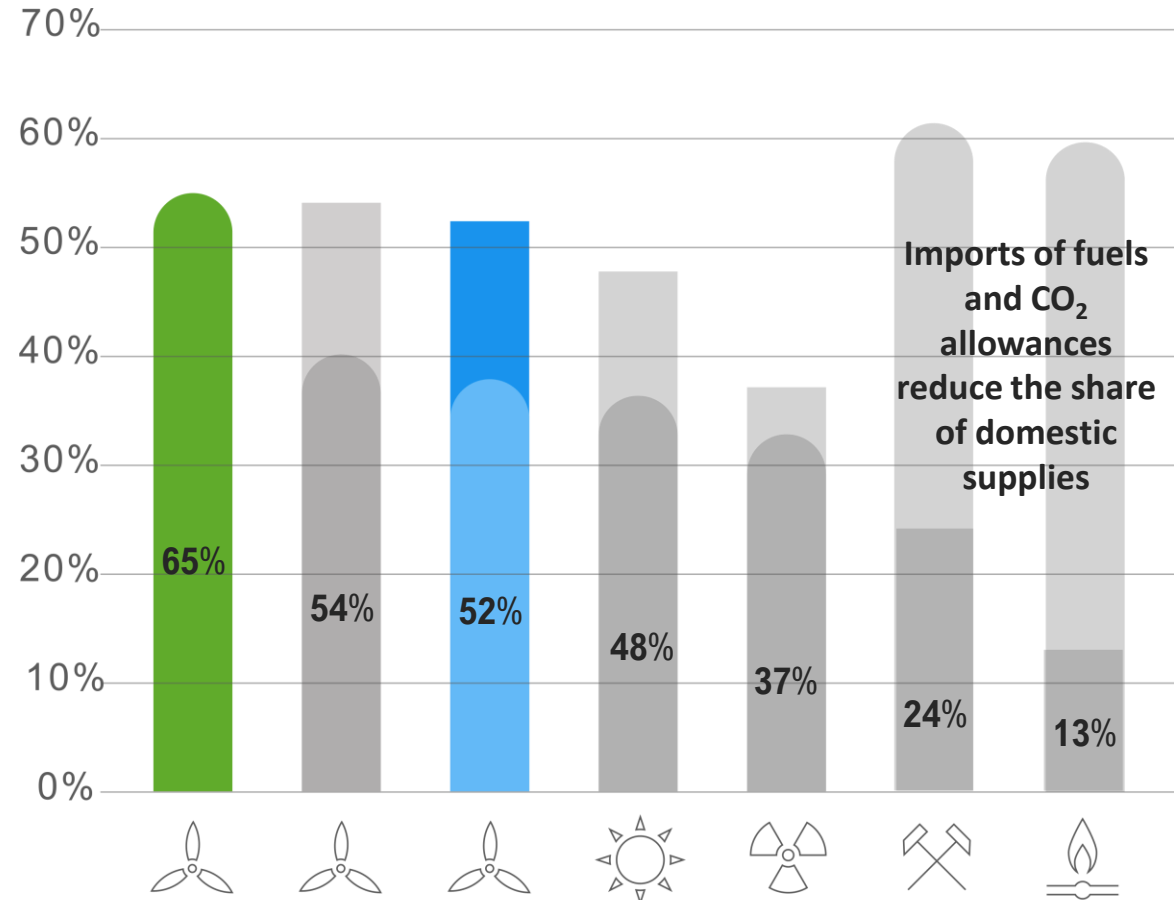


10 MW onshore wind =  **173** total jobs

61 direct jobs

Wind energy vs. other technologies

Share of local content in total energy production costs by technology



■ Total cost
● Investment outlays



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Coal Regions in Transition from the Polish Wind Energy Association's perspective

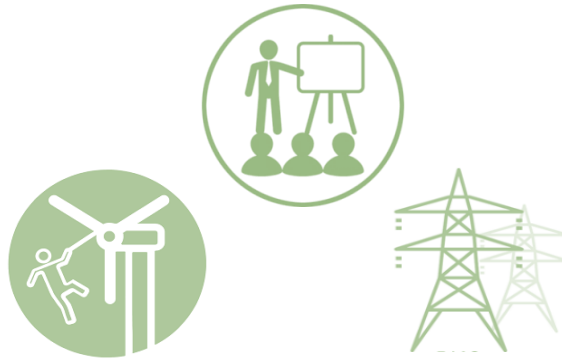
PWEA is of the opinion that energy transition shall be the least affecting for the country, in particular its mining regions, such as for example Silesia. Therefore, PWEA is willing to actively participate in measures to improve the situation of regions that may be adversely affected by the effects of such transition. We believe that our industry is capable of developing ideas and concepts that in the future will create additional jobs in the Silesia region.

The project



Conference and Training Centre

- Construction of a practice and training centre equipped with practical tools to learn new trade
- Construction of a conference and training centre
- Optional extension with RES innovation centre



Training for RES and Distribution

- Professional retraining of employees from sectors affected by transition
- Training for the renewable energy industry (wind and PV)
- Training for electricity distribution utilities



Get The Job

Employment in the energy sector

- Qualified personnel will be employed by the renewable energy sources sector (wind farm maintenance personnel, PV installers)
- Employment in electricity distribution utilities



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VULCAN
TRAINING & CONSULTANCY

The project

Location

PWEA, Vulcan Training Center and the City of Bytom preliminarily agreed on the potential location of the Centre: on the area currently occupied by the shutdown Upper Silesian Narrow-Gauge Railway Repair Shop in Bytom



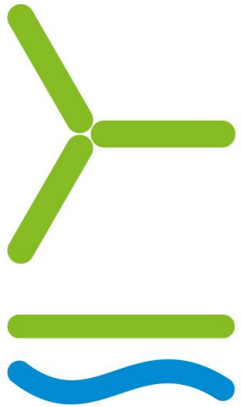
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Thank you for your attention!



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