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Questionnaire PESTL

Note: PESTEL analysis is used to identify the strengths, weaknesses, opportunities, and threats. It looks at external factors and is primarily used for market research. This research focuses on the use of renewable energy development in Togo and its impact on socio-economic development.

P-Political Factors that Impact of Floating Wind Turbines Energy

- Political stability and importance of Floating Wind Turbines & Marketing sector in the country's economy.

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Risk of military invasion

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Level of corruption - especially levels of regulation in Basic Materials sector

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Bureaucracy and interference in Floating Wind Turbines & Marketing industry by government

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Legal framework for contract enforcement

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Intellectual property protection

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Trade regulations & tariffs related to Basic Materials

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High



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- Favored trading partners

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Anti-trust laws related to Floating Wind Turbines & Marketing

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Pricing regulations – Are there any pricing regulatory mechanism for Basic Materials

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Taxation - tax rates and incentives

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Wage legislation - minimum wage and overtime

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Work week regulations in Floating Wind Turbines & Marketing

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Mandatory employee benefits

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Industrial safety regulations in the Basic Materials sector.

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

- Product labeling and other requirements in Floating Wind Turbines & Marketing

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High



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E-ECONOMICAL FACTORS

The purpose of the economic analysis is to determine if the country's economy is healthy and interested in renewable energy. It must be kept in mind that the different factors in the PESTEL analysis are interrelated and so an impact on the political environment might influence the economic environment as well, tax regulations are a good example of this. Knowledge about the state of the economy is important as it can show if there are investors willing to invest in companies or technologies.

For this must know:

- Levels of wind resources
- Projected technological advancements
- Availability of local infrastructure for fabrication & installation
- Availability of grid connections near FOWT sites
- Proactivity of regulatory regime
- Presence of stakeholder barriers.

All areas of interest have enough wind resources to make FOWT sites feasible, for instance, but they vary in the strength of their local infrastructures and grid interconnection viability. One of two feasibility scores will be given for each factor:

- Feasible, indicating that FOWT projects are feasible with respect to the factor in question with little to no change
- Somewhat feasible, indicating large necessary changes or other large but surmountable obstacles being needed for FOWT feasibility

Please complete the following table for offshore maritime zone of Black Sea:

FACTOR	FINDINGS	OVERALL FEASIBILITY ASSESSMENT (answer with)
Wind resources	Primary data Secondary data Satellite data	Feasible / Unfeasible
Projected technological advancements		Feasible / Unfeasible
Availability of Local Infrastructure for fabrication and installation	1. Are you supporting investments in the infrastructure necessary for increasing the capacity and	Feasible / Unfeasible



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		<p>capability of your suppliers?</p> <p>2. Are you supporting investments in any other infrastructure, specifically around supply chain logistics (e.g. ports).</p> <p>Answers: 10 points if investment triggers or will lead to major infrastructure upgrades (new or expanded infrastructure) 7 points if investment triggers or will lead to incremental infrastructure upgrades (e.g. improving existing infrastructure) 5 points if providing other forms of support only (e.g. guaranteeing pi) 0 points if no material support is offered.</p>	
Availability of Grid Connections		YES/NO	Feasible / Unfeasible
Proactive Regulatory Regime			Feasible / Unfeasible
Stakeholder Barriers			Feasible / Unfeasible
10	7	5	0

S-Social

The social aspects are highly important when doing business. The culture, gender, age, demographic, etc. need to be understood as they help to profile customers and are relevant to the market situation. The attitude of people in a certain area can decide if a product or business :

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

T-Technological



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The availability of technology can decide whether or not a business opportunity is feasible. The existing supply chain in a nearby area might for example facilitate the expansion to a new market. If no infrastructure exists yet, then this needs to be taken into account. There is also the possibility for new technologies to emerge and open up new markets, or destroy old ones.

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

E-Environmental

The impact of the environment is growing as business and industries are now becoming more and more a function of the environment. So is, for example, climate change driving the energy sector towards a more sustainable direction. Also, the geographical location and access to natural resources can be a determining factor in business decisions:

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High

L-Legal

It is critical to have knowledge about the different laws and statutes relevant to the market and industry. It must be noted that the legal system might be impacted by the political situation. As such the stability of the legal environment needs to be assessed:

1	2	3	4	5
Indifferent	Low	Moderate	High	Very High