

GOE/Session I: Widening of management and administration capabilities

Preliminary SWOT Analysis For Partner Feedback

Athens, January 24th, 2023

**TWEET-IE / Twin Wind tunnels for Energy and the
EnvironmentT - Innovations and Excellence**
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Session I: Widening of management and administration capabilities

Working Groups: WG-I1-HMR and WG-I2-CA

WP1 Project monitoring and evaluation (NTUA)

Task 1.1 Inventory of the present state of the facility

- Assessment of facility's technological and administrative maturity.
- Leverage experience of Leading Partners to perform SWOT analysis and plan improvements.

Deliverable 1.1 SWOT analysis and definition of KPIs for NTUA WT facility assessment (M6)

Internal		External	
Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> • Unique in Greece, possibly Balkans • Multiple test sections • Pitching and plunging mechanism for tests at high Re. • Current faculty constellation favourable • High level CFD support available • Minor but steady funding available from services (Int. Wind. Eng) • Moderate to high level experience although old equipment • Good reputation (?) 	<ul style="list-style-type: none"> • No reliable funding for maintenance or upgrade • No dedicated technician • Significant time reserved for services (Int. Wind. Eng) 	<ul style="list-style-type: none"> • Possible inclusion of WT testing in Eurocode will provide funding opportunities • Currently, several tall building projects in Athens • TWEET-IE project • Renewable energy, aerodynamics, external flows prominent in research trends 	<ul style="list-style-type: none"> • Unattractive/uncompetitive at EU level • Dated/ parts availability problematic

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<p><i>External</i></p> <p><u>Opportunities</u></p> <ul style="list-style-type: none"> • Possible inclusion of WT testing in Eurocode - > funding opportunities • Currently, several tall building projects in Athens • TWEET-IE project • RES, aerodynamics, external flows prominent in research trends 	<p>Opportunity – Strength strategies</p> <p><i>(use strength to take advantage of opportunities)</i></p>	<p>Opportunity – Weakness strategies</p> <p><i>(use opportunities to overcome weaknesses)</i></p>
<p><u>Threats</u></p> <ul style="list-style-type: none"> • Unattractive/uncompetitive at EU level • Dated/ parts availability problematic 	<p>Strength – Threat strategies</p> <p><i>(use strengths to avoid threats)</i></p>	<p>Weakness – Threat strategies</p> <p><i>(minimize threats and weaknesses)</i></p>