Climate has become a core input for TSO adequacy and risk studies

Challenges for TSOs

Compound extremes • Computing limits • Hazard-to-impact gap

Past climate years under-sample extremes and their network impacts

Where DestinE can help

Fast ML screening • Climate DT storylines • Dynamic Line Rating

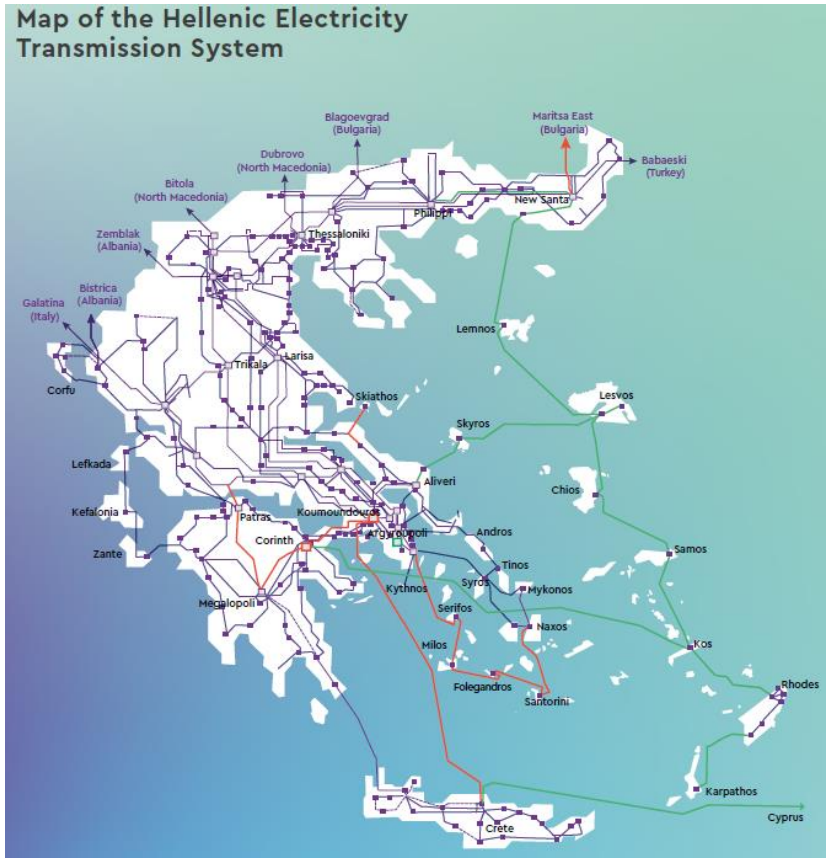
ML can screen thousands of cases, so detailed runs target critical ones

What TSOs need

Validation • Explainability • Line-level detail • Co-design

Proven on extremes with a path to daily operations

DestinE's value: **linking climate information to system decisions**



INDEPENDENT POWER TRANSMISSION OPERATOR