

European Risk from Geomagnetically Induced Currents (EURISGIC)

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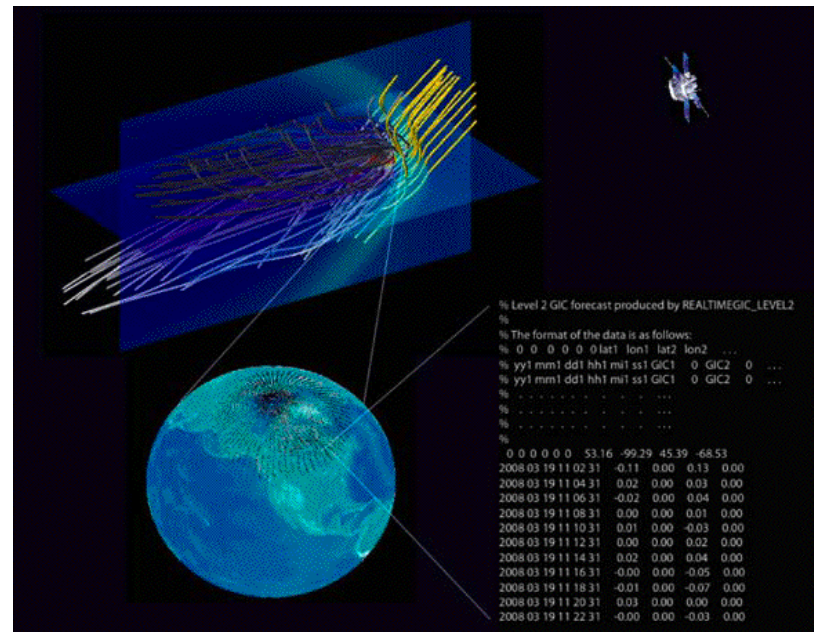
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Objectives - 1

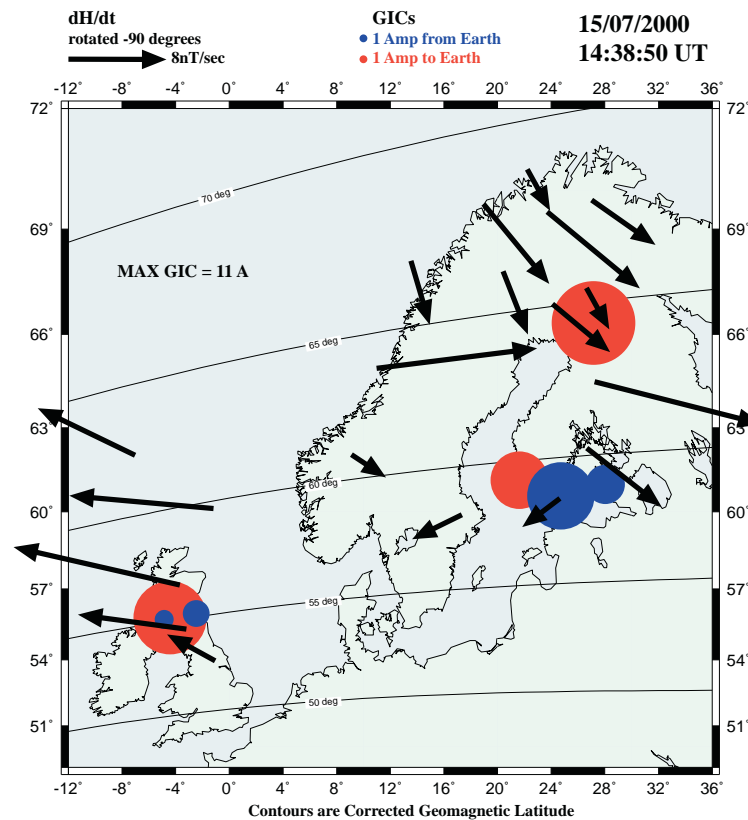
The first European *prototype forecast tool* based on in-situ solar wind observations and on magnetosphere-ionosphere simulations to produce real-time GIC warnings for the European high-voltage power grid.



(More details: presentation of the Solar Shield on Friday 19 Nov.)

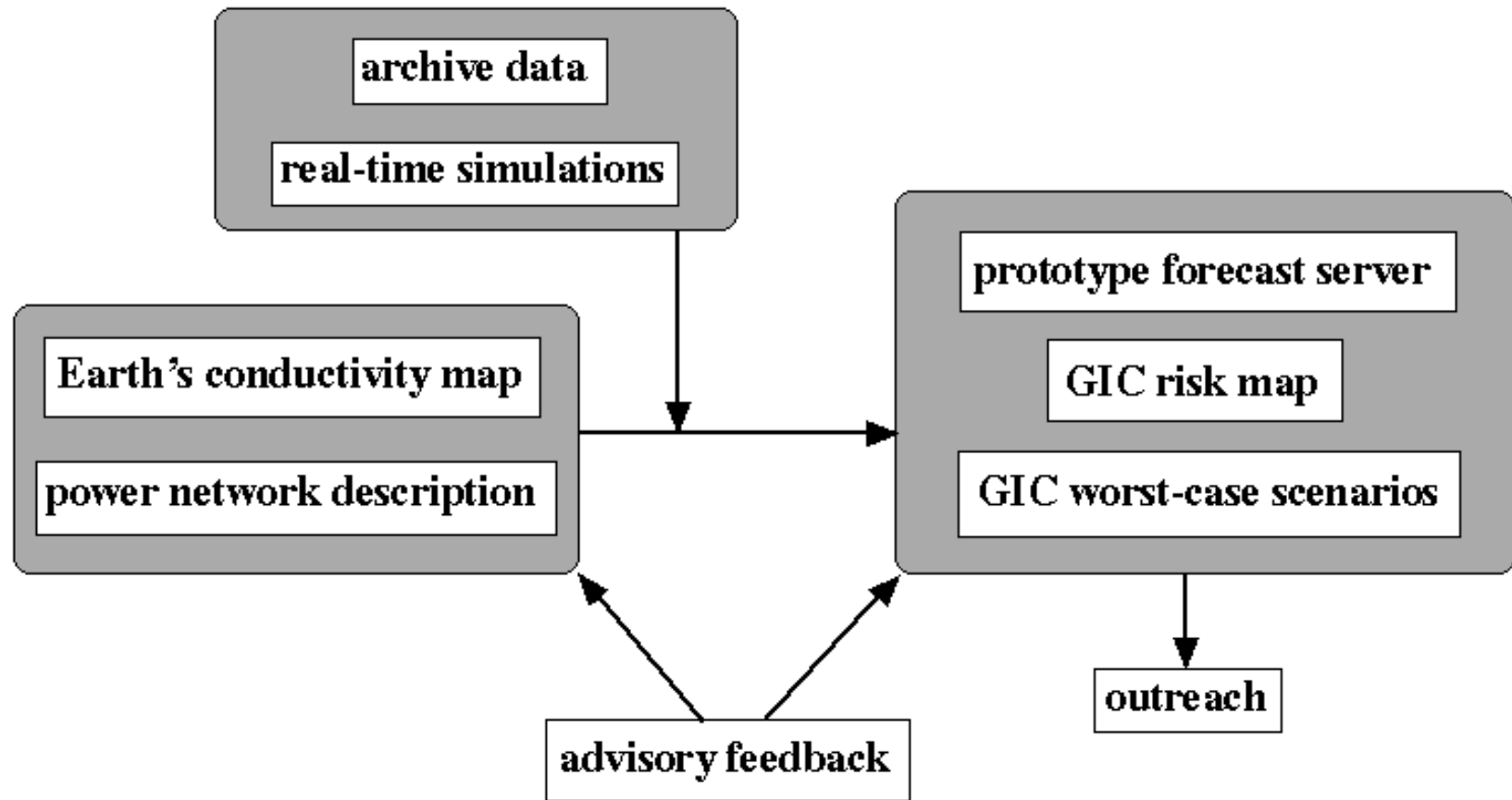
Objectives - 2

European-wide *risk map* giving the statistical probability of large GIC values and providing *worst-case scenarios*.



Expansion from national to continental level.

Project flow



3-year project expected (negotiations ongoing).

About 160 person-months (total budget about 1.4 MEUR)

Benefits

We hope to avoid this in future:



Halloween GIC blackout in Malmö on 30 October 2003.

Finally, we will learn much more about geospace:

