



Lennart.Cederberg@smhi.se

Global Product Manager - Shipping

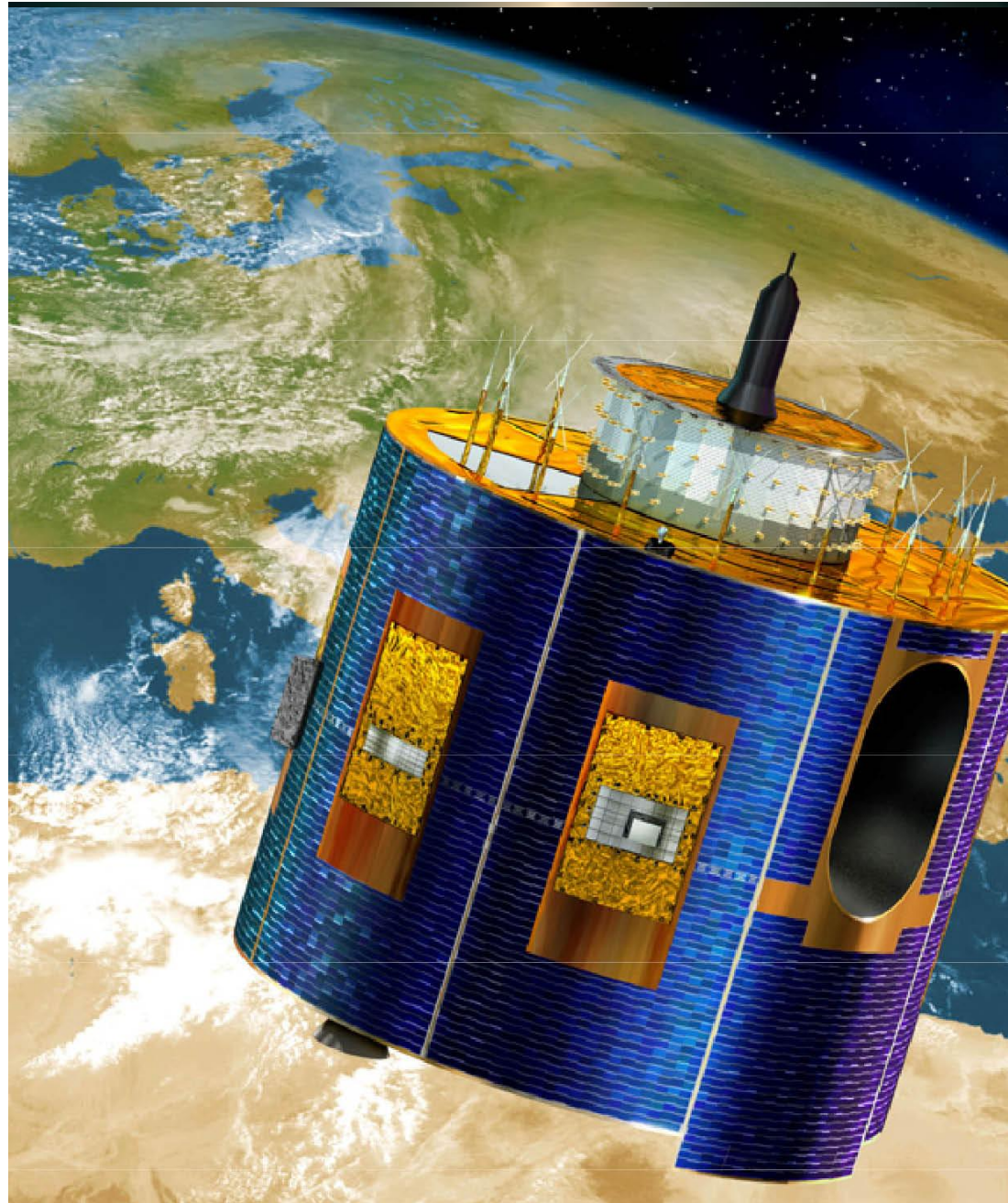
Swedish Meteorological and Hydrological Institute



Meteorology

Hydrology

Oceanography





Swedish Meteorological and Hydrological Institute

Hydrology
Oceanography
Air Environment
Atmospheric Research
Forecasts and Analysis
Climate Research

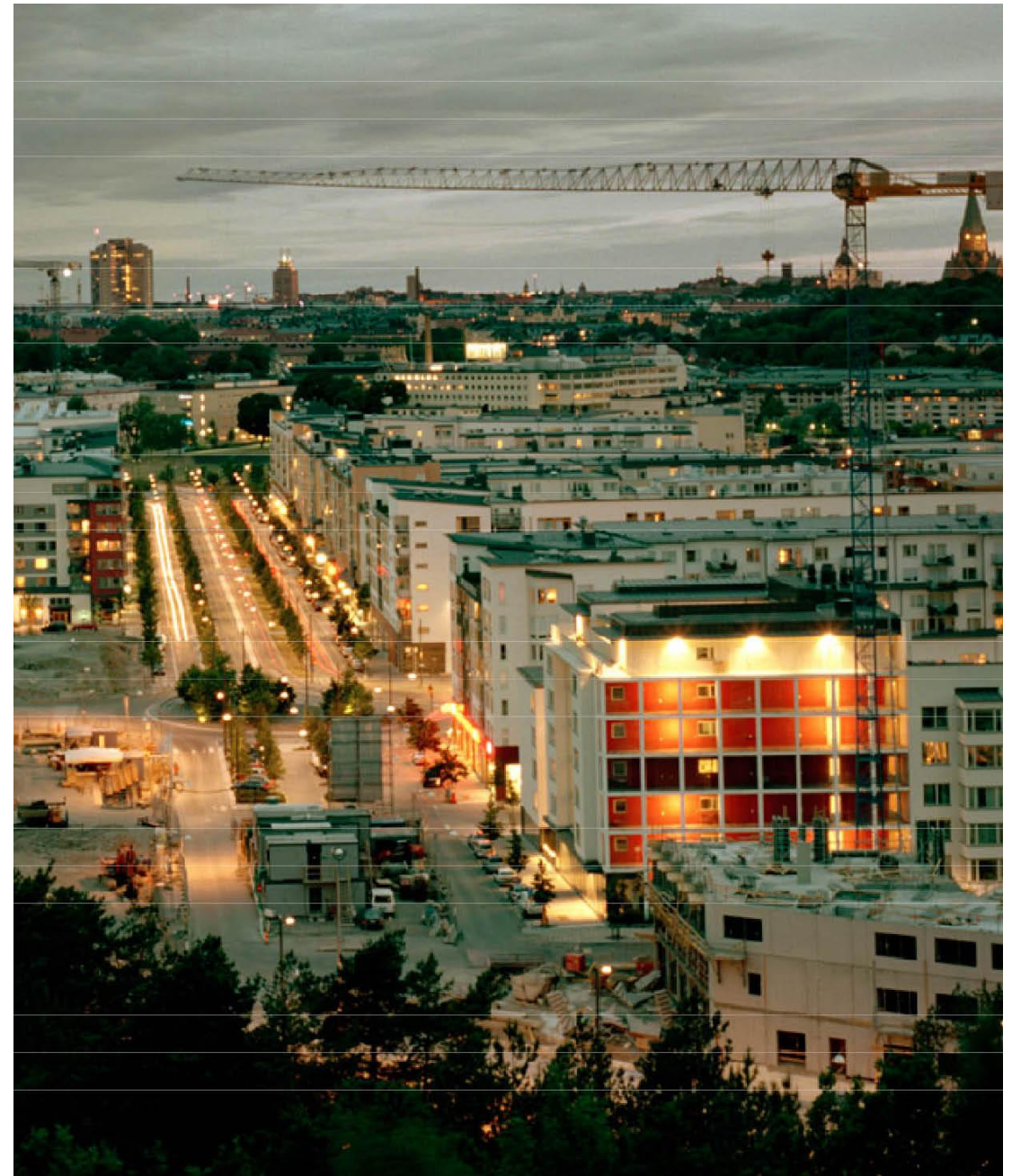


Totally with R&D +550 persons



Business & Media Services

- **Media**
- **Industry & commerce**
- **Agriculture**
- **The private market**
- **Shipping**
- **Land based traffic**
- **Energy**
- **The building trade and real-estate admin**





8000 pers > 100 countries



Marine MET
services for

Ship Operator & Master

**Simple.
Proactive.
Transparent.**

To all stakeholders.

Swedish Meteorological
& Hydrological Institute

SMHI

●●● Much more than you think

**Life.
Fuel.
Time.
Money...**

We help you
save them all.

Swedish Meteorological
& Hydrological Institute

SMHI

●●● Much more than you think



Transparent Estimated Time of Arrival to all stakeholders

”TransETA”

Objective:

**To demonstrate how using a transparent management tool
may increase quality, efficiency and effectiveness
of a port service.**

Not only find the *Accurate* ETA but the *Optimal* ETA