

MONITORING WEATHER AND CLIMATE FROM SPACE

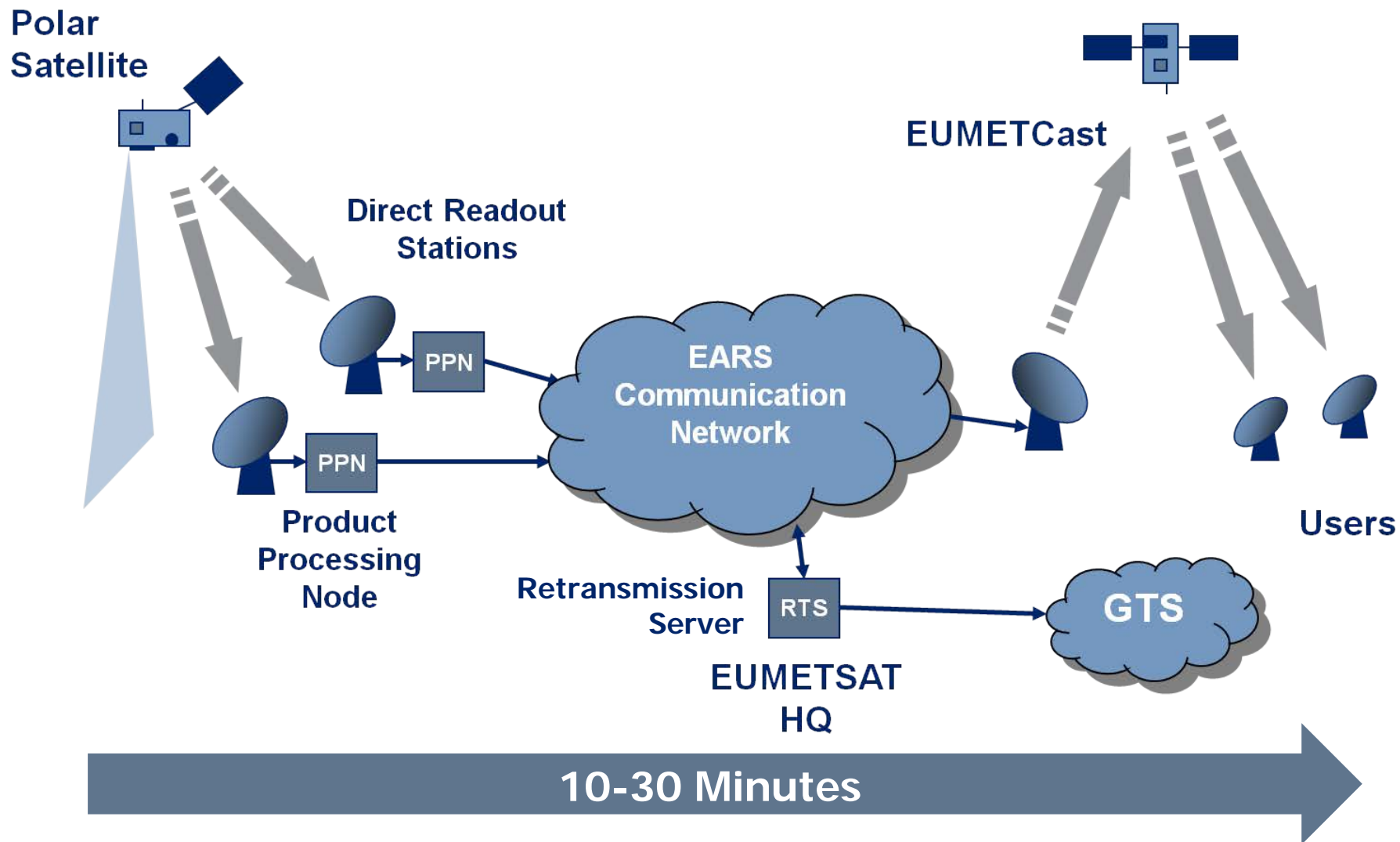


EUMETSAT Report on EARS-ATOVS

Anders Meier Soerensen



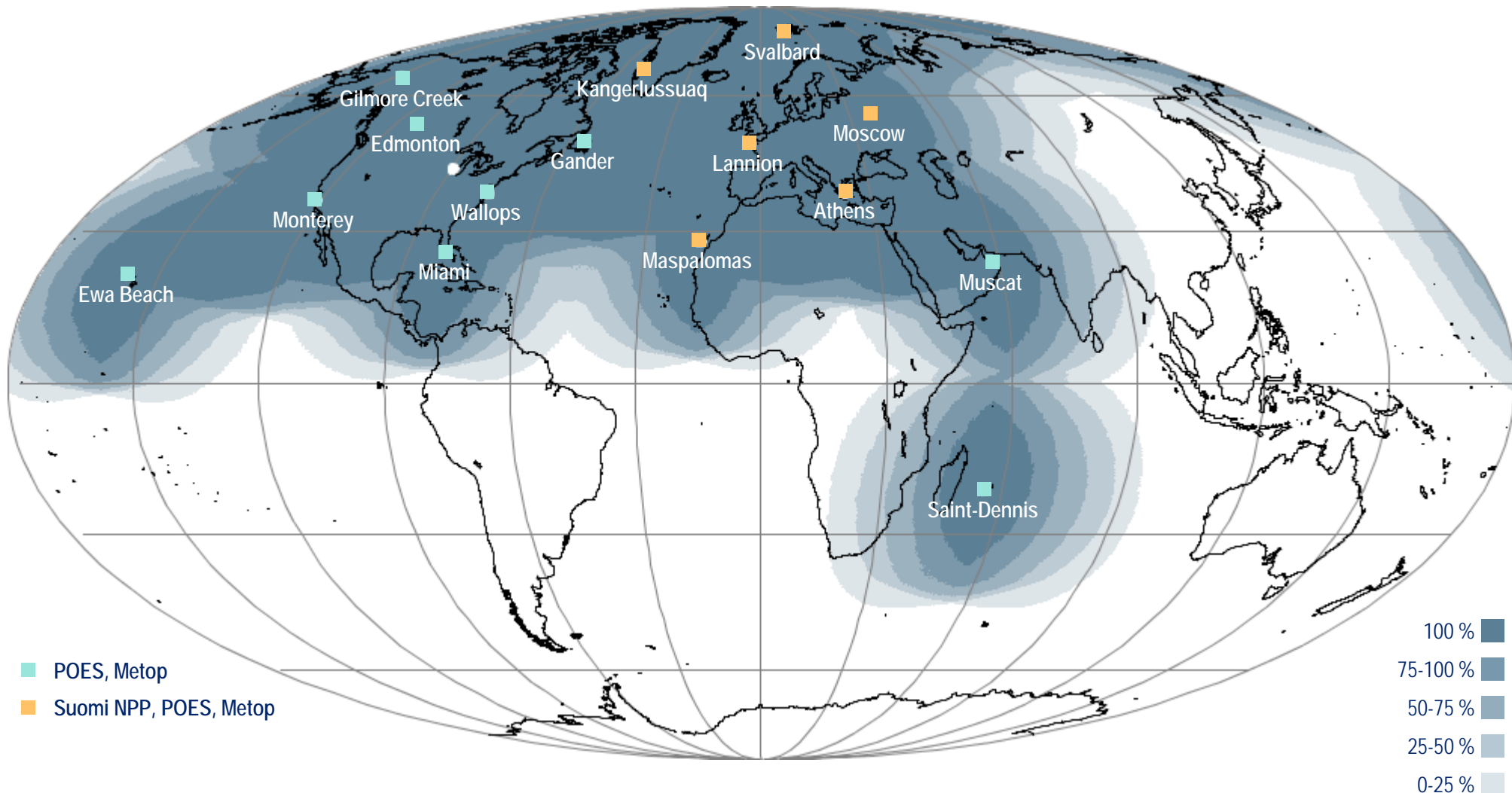
EARS – System Overview



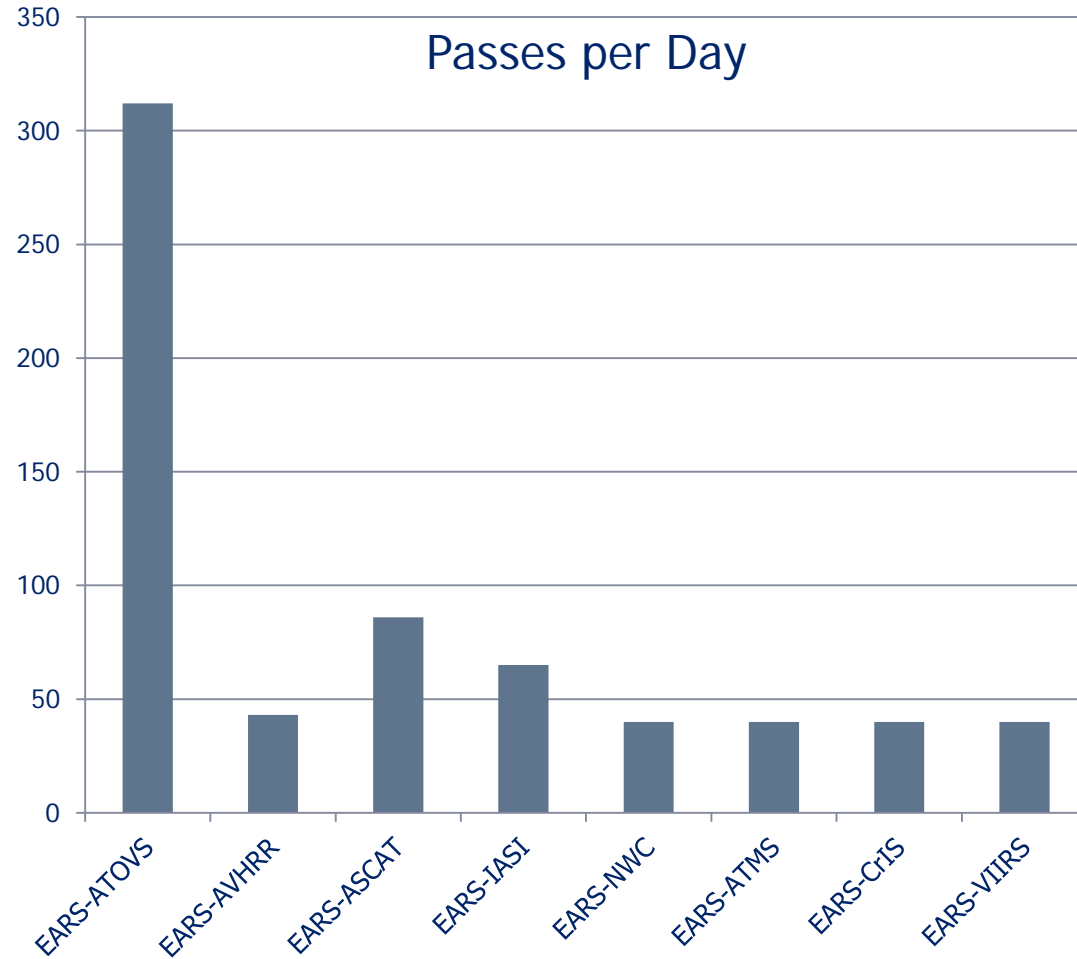
EARS-ATOVS Service Specification

EARS-ATOVS	
Geographical Coverage	All EARS stations
Product Processing	AAPP as provided by the NWP SAF, configured and run by EUMETSAT.
Product Segmentation	One file per station pass, instrument and processing level.
Timeliness	30 minutes
Products via EUMETCast Ku-Band Europe	<ul style="list-style-type: none">• Level 1a per ATOVS instrument, data in AAPP format, bzip2 compressed.• Level 1c per ATOVS instrument, data on original instrument grid, BUFR format.• AVHRR derived cloud mask on HIRS instrument grid, BUFR format.
Products via RMDCN/GTS	<ul style="list-style-type: none">• Level 1c per ATOVS instrument, data on original instrument grid, BUFR format.

EARS – EUMETSAT Advanced Retransmission Service



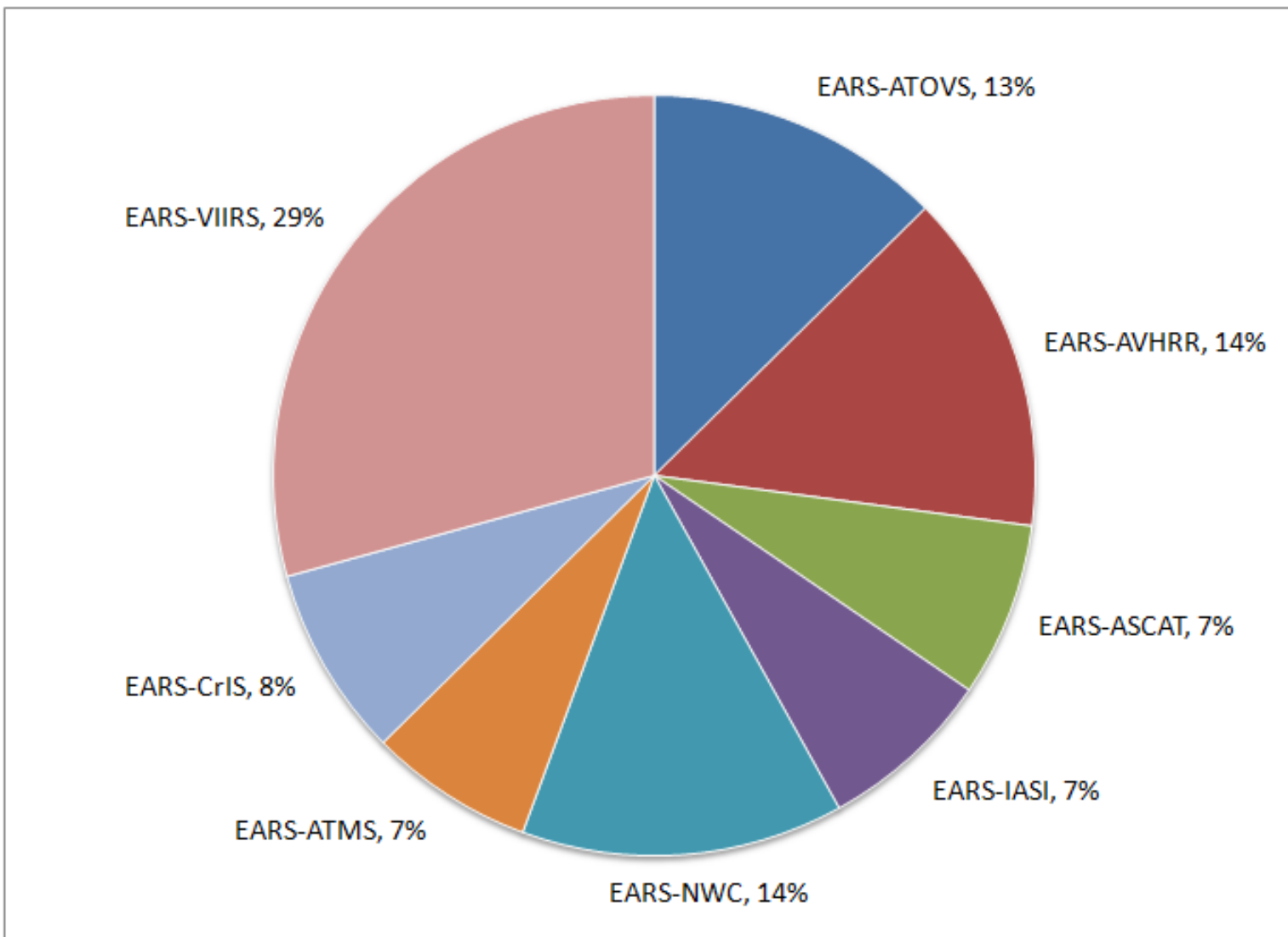
EARS – Acquired Passes Per Day



EARS - Daily Data Volume

	Daily Volume (MB)	Daily Volume (%)
EARS-ATOVS	624	5%
EARS-AVHRR	1341	11%
EARS-ASCAT	129	1%
EARS-IASI	132	1%
EARS-NWC	1040	8%
EARS-ATMS	96	1%
EARS-CrIS	520	4%
EARS-VIIRS	8610	69%
Total	12492	100%

Distribution of Running Cost per Service



Distribution of Running Cost per Satellite Programme

