

# Satellite is now ready for launch!

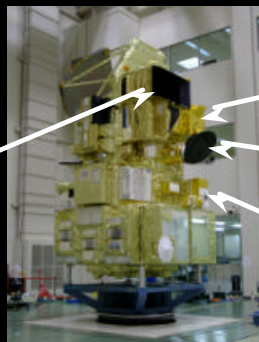


ADEOS-II Flight Model  
@  
NASDA  
Tsukuba Space Center



AMSR

GLI



ILAS-II

SeaWinds

POLDER

Improved Limb Atmospheric Spectrometer II (ILAS-II) developed by the Ministry of the Environment (MOE) is a sensor to monitor the high-latitude stratospheric ozone layer. The objectives of ILAS-II are to monitor and study changes in the stratosphere which are triggered by emissions of chlorofluorocarbons (CFC), and to evaluate the effectiveness of world-wide emission controls of CFCs.

NASA's SeaWinds Scatterometer will provide high accuracy wind speed and direction measurements over nearly 90% of the ice-free global oceans every day. SeaWinds will provide a continuing set of long term wind data for studies of ocean circulation, climate and air-sea interaction.

POLarization and Directionality of the Earth's Reflectances (POLDER) is a wide field of view imaging radiometer that will provide the global, systematic measurements of spectral, directional and polarized characteristics of the solar radiation reflected by the Earth/atmosphere system. Its original observation capabilities open up new perspectives for discriminating the radiation scattered in the atmosphere from the radiation actually reflected by the surface.