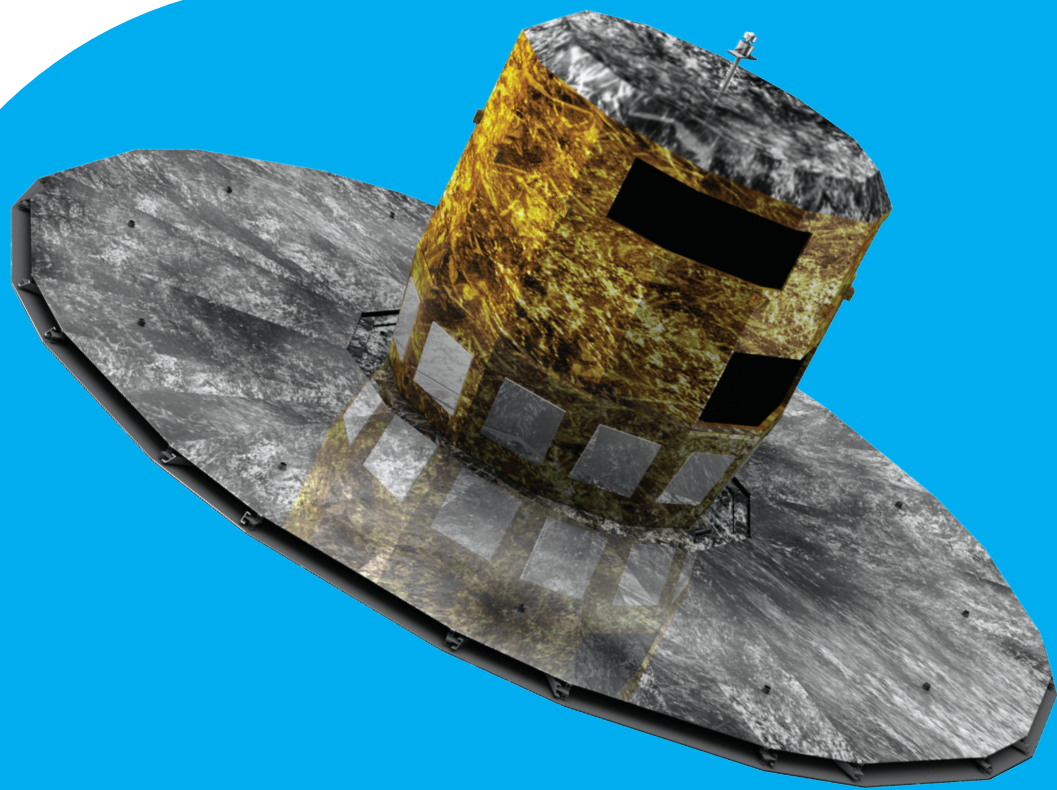




Industrial involvement in the Gaia spacecraft

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Ireland

Contracted item	Contractor
RAMS	Mc Ginley
PA/QA support	Mc Ginley



France

Contracted item	Contractor
Gaia industrial prime	EADS/Astrium SAS
Spacecraft AIT	EADS/Astrium SAS
Spacecraft EGSE: CCS S/W	EADS/Astrium SAS
SiC structures & mirror blanks	Boostec
M1 mirror and CVD	Sagem
AC flat mirror	Sagem
PLM Harness	Latelec
FPA TV facility	Intespace
Gyro	EADS/Astrium SAS
RVS OMA	EADS/Astrium SAS
Test Facilities	Intespace



Netherlands

Contracted item	Contractor
Spacecraft EGSE: TM/TC SCOE	SSBV
Spacecraft EGSE: avionic SCOE	Dutch Space
Spacecraft EGSE: RTS	Dutch Space
BAM opto-mechanical assembly	TNO
WFS opto-mechanical assembly	TNO
PLM EGSE	SSBV
PLM OGSE: TV AC flat mirror mechanism	TNO
Sun sensor	TNO



Denmark

Contracted item	Contractor
Spacecraft independent software verification & validation	Rovsing
PLM AIT support (test software)	Terma



United Kingdom

Contracted item	Contractor
Electrical Service Module	EADS/Astrium Ltd
Spacecraft documentation, configuration, schedule support	Selex Systems
CCD detectors	e2v Technologies
PLM & FPA structural pieces	EADS/Astrium Ltd
VPU	EADS/Astrium Ltd
FPA CCD/PEM coupling	MSSL
Chemical propulsion system	EADS/Astrium Ltd
Battery	ABSL
AVM bench structure	Aerostanrew Ltd



Norway

Contracted item	Contractor
BAM/WFS optical sources & electronics	Kongsberg
Mass dummies	Prototech



Finland

Contracted item	Contractor
EIU	Patria
Software components production	SSF



Sweden

Contracted item	Contractor
CDMU	Saab Ericsson Space



Belgium

Contracted item	Contractor
M2 mirrors and CVD	AMOS
M4 mirrors and CVD	AMOS
M5 mirrors and CVD	AMOS
PLM MGSE (lot 6): TV GSE	CSL
PLM TV test facilities	CSL
PDHU software	SpaceBel



Germany

Contracted item	Contractor
Mechanical Service Module	EADS/Astrium GmbH
M3 mirrors and CVD	Zeiss
Thermal active hardware	EADS/Astrium GmbH
RVS grating	IOF



Spain

Contracted item	Contractor
M2 alignment device	Sener
PEM	Crisa
CDU	Alcatel Alenia Space
SVM Structure	EADS Casa
SVM Harness	EADS Casa
LGA	Rymisa
DSA	Sener
PAA	EADS Casa



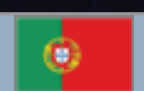
Switzerland

Contracted item	Contractor
Bipods & release mechanism	RUAG Aerospace
Thermal tent structure	RUAG Aerospace
PDHU	Syderal
PLM MGSE	APCO
RACM	SpectraTime



Austria

Contracted item	Contractor
Spacecraft EGSE: power/pyro	Siemens
PLM & FPA thermal hardware	RUAG Aerospace
Thermal passive hardware (MLI)	RUAG Aerospace
SVM MGSE: container and other items	RUAG Aerospace
FPA MGSE	RUAG Aerospace
RF Suitcase	Siemens



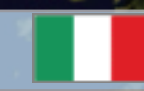
Portugal

Contracted item	Contractor
Spacecraft database support	Deimos
Spacecraft EGSE: CCS H/W	Skysoft
FPA test OGSE and optical tools	Lusospace
VPU algorithms validation support (FPA simulator)	Ineti



USA

Contracted item	Contractor
Micro-propulsion tank	Arde
VPU digital board	Maxwell
BP/RP/RVS optical filters	Barr



Italy

Contracted item	Contractor
Micro-propulsion MTA, MPFM, MPE	Alcatel Alenia Space
IM	Alcatel Alenia Space (laben)
Photometer prisms	Selex Galileo
RVS prisms	Selex Galileo
Solar array	Selex Galileo
PCDU	Selex Galileo
X band TRSP	Alcatel Alenia Space
Star tracker	Selex Galileo
BDA	SILO

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Gaia: Surveying the Galaxy