

ORganisation of European GNSS INdustry

NAVSAT

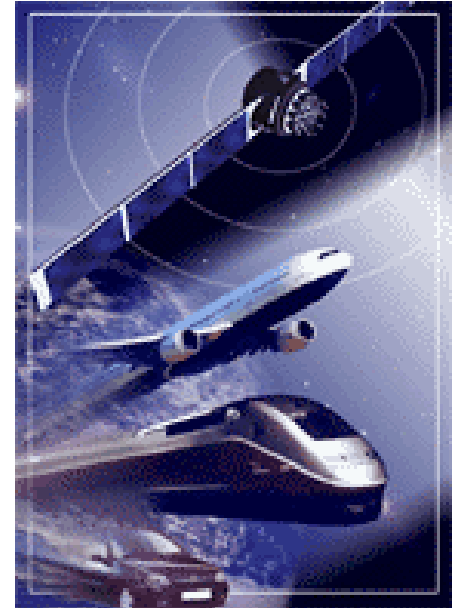
14 November 2001

WHAT IS OREGIN ?



The ORganization of European Gnss Industry of equipment and services:

- information exchange
- cross-fertilisation of expertise
- point of contact/industry voice for the European Institutions
- publicity and lobbying
- fostering co-operation with non-European industries creating opportunities in overseas and global market



- **83 members including international industry organisations and national groups (more than 130 industrialists represented)**
- **Industries from 14 countries**
- **From SMEs to biggest groups**
- **Service providers, equipment manufacturers, chip producers, software developers, integrators, telecom and car manufacturers**

OREGIN MEMBERS LIST



- ACSA (FRANCE)
- ADVANCED AVIATION TECHNOLOGY (UNITED KINGDOM)
- ADVETO AB (SWEDEN)
- AERODATA F. (GERMANY)
- AGROCOM (GERMANY)
- ALCATEL/SEL (GERMANY)
- ALENIA (ITALY)
- ASTRIUM (UNITED KINGDOM)
- BCI (FRANCE)
- BMW-AG (GERMANY)
- BOMBARDIER TRANSPORTATION (GERMANY)
- CAA (GERMANY)
- CARLO GAVAZZI SPACE (ITALY)
- COM DEV Europe (UNITED KINGDOM)
- CS Communication & Systèmes (FRANCE)
- DAIMLER CRYSLER GROUP (GERMANY)
- DIGINEXT (FRANCE)
- EDISOFT (PORTUGAL)
- EGERY (FRANCE)
- ELNA (GERMANY)
- ERICSSON TELECOMUNICAZIONI (ITALY)
- ERTICO (INTERNATIONAL)
- EURO-TELEMATIK (GERMANY)
- EUTELSAT (INTERNATIONAL)
- FDC (FRANCE)
- FIAT (ITALY)
- HELLENIC AEROSPACE INDUSTRY (GREECE)
- IMEC (BELGIUM)
- INDRA ESPACIO (SPAIN)
- INTECS SISTEMI (ITALY)
- KONGSBERG SEATEX (NORWAY)
- LABEN (ITALY)
- LEICA GEOSYSTEMS (SWITZERLAND)
- LOGICA (UNITED KINGDOM)
- MAN TECHNOLOGIE (GERMANY)
- MANNESMANN VDO (GERMANY)
- MARCOSOFT (ITALY)
- MLR Electronique (FRANCE)
- MORS (FRANCE)
- NAVIONICS (ITALY)
- NAVOCAP (FRANCE)
- NEXT (ITALY)
- NOKIA (FINLAND)
- OmniSTAR BV (THE NETHERLANDS)
- ORMSTON (UNITED KINGDOM)
- RAYTHEON (UNITED KINGDOM)
- ROBERT BOSCH (GERMANY)
- SAGEM (FRANCE)
- SAIT RADIOHOLLAND (BELGIUM)
- SATCON (GERMANY)
- SATPLAN (FRANCE)
- SCHLUMBERGERSEMA (SPAIN)
- SENA GPS (SPAIN)
- SENER (SPAIN)
- SEPTENTRIO (BELGIUM)
- SKEYE (GERMANY)
- SPIRENT COMMUNICATIONS (UNITED KINGDOM)
- TCHIP SEMICONDUCTOR (SWITZERLAND)
- TECHNIUM (FRANCE)
- TECHNOMAR (GERMANY)
- TELE ATLAS (BELGIUM)
- TELEMATICA (GERMANY)
- TELECONSULT (GERMANY)
- TELESPAZIO (ITALY)
- TELIT (ITALY)
- TEMEX TELECOM (FRANCE)
- TERRAFIX (UNITED KINGDOM)
- THALES ATM (GERMANY)
- THALES ATM (UNITED KINGDOM)
- THALES AVIONICS (FRANCE)
- THALES AVIONICS (UNITED KINGDOM)
- THALES (FRANCE)
- THALES NAVIGATION (FRANCE)
- THALES RESEARCH (UNITED KINGDOM)
- THALES TRACKS (UNITED KINGDOM)
- THALES COMMUNICATIONS (FRANCE)
- THALES AIR DEFENCE (FRANCE)
- THALES AIBORNE SYSTEMS (FRANCE)
- VAN HOPPLYNUS INSTRUMENTS (BELGIUM)
- VITROCISSET (ITALY)

EUROPEAN GNSS INDUSTRIAL ORGANIZATIONS MEMBERS OF OREGIN

- AUSTRIAN INDUSTRY (ASA)
- SCANDINAVIAN INDUSTRY (SGIC)
- SPANISH INDUSTRY (Galileo Sistemas y Servicios)

- To support the development of GALILEO users segment equipment and services,
- To provide public authorities with technical and marketing expertise and support in analysing the impact of GALILEO architecture on user equipment and services,
- To support the necessary efforts on standardisation and certification for the development of user segment equipment and services,
- To foster the identification of business opportunities and define the necessary actions to ensure their success,
- To foster partnership between industrialists and in particular between large corporations and SMEs,
- To rapidly and efficiently circulate relevant information,
- To promote EUROPEAN industry, technology, products and services,
- To encourage participation of universities and research centres in R&D activities related to GALILEO developments.

- **Foundation meeting on 16 Feb. 99**
- **6 Plenary meetings**
- **2 Workshops**
(with the EC Vice-president and ESA Director of applications)
- **Interest expressed by Institutions**
- **Interest expressed by equipment and service industry**
- **Interest expressed by Non European industry to cooperate**
(Japanese, US, Israel, Canada ...)
- **Active participation in PPP and Joint Undertaking initiatives**
- **Presentations to Transport Council Working Group, European Parliament, Sky and Space Intergroup...**

- Definition studies are concluding
- Real development must start now to meet milestones
- The decision to pursue the Galileo programme cannot be delayed:
 - frequencies
 - market
 - international credibility
 - political window of opportunity
- OREGIN welcomes the JU process
(unicity of management, participation of private sector)
and is willing to contribute to a positive decision in December.



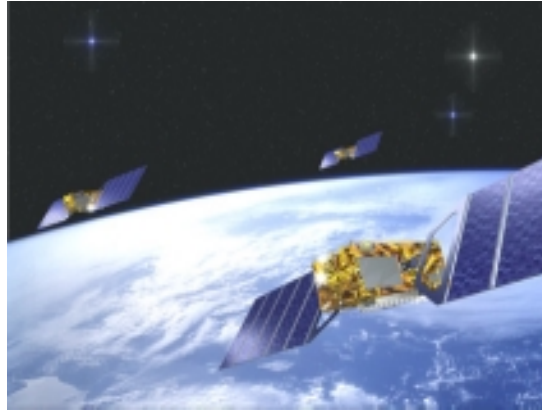
SUCCESS OF GALILEO PRESUPPOSES APPLICATION INDUSTRY SUCCESS



- Galileo technical feasibility relies on few technical uncertainties which will be solved by on-going studies fully sponsored by the European Institutions
- But the success of Galileo for Europe fully depends on the success of its Industry of Equipment and Services.
- Otherwise Galileo will completely fail in its main political and economic objectives
 - independence
 - economical benefits
 - employment

CONCLUSIONS

- Galileo development needs a clear green light – now.



- Industry is ready to participate and invest (if conditions are favourable)
- The success of European Equipment and Service Industry is a cornerstone of the Galileo programme.