On 6 September Galileo Services* issued a position paper with the title: A Space Strategy for Europe – Input from Industry for a Successful European GNSS Market Uptake.

This document summarises the main recommendations from the European GNSS downstream industry for space strategy. It introduces some examples of essential institutional support in the main GNSS-based application segments.

In addition Galileo Services have drawn attention to a recent publication from the government of the People’s Republic of China regarding China’s current plans for the BeiDou Navigation Satellite System (BDS), and in particular, for BeiDou application and industrial development (Part IV), see here: http://english.cri.cn/12394/2016/06/16/4202s931048.htm.

Galileo Services’ position paper reinforces the urgency to have similar strategies at European level for it is essential that there is a guarantee of development of the downstream favourable for Europe. There is also be an opportunity for the creation of new industrial activities and jobs opportunities in Europe.

The paper introduces the various applications dependent upon a navigation satellite system: maritime; automotive; rail; aviation; remotely piloted aircraft; timing and synchronisation; multimodal logistics and so forth.

For the layman, and for those of us to whom the vast range of abbreviations and acronyms are not our lingua franca there is a useful glossary:

**ERTMS/ETCS** – European Railway Traffic Management System / European Train Control Standard

**GEO** – Geostationary Orbit

**GNSS** – Global Navigation Satellite System

**IoT** – Internet of Things

**LBS** – Location-based Services

**LEO** – Low Earth Orbit

**MFF** – Multiannual Financial Framework
Multi-constellation – any combination of Galileo, GPS, GLONASS and BeiDou

PRS – Public Regulated Service

OS – Open Service

PAYD – Pay As You Drive

PNT – Positioning, Navigation & Timing

R&D – Research & Development,

RPAS – Remotely Piloted Aircraft System

* Galileo Services (www.galileo-services.org) is a non-profit organization designed to be a major partner for the Galileo downstream technology and business development (terminals, applications and services), with a view to sustaining the Galileo programme. The aim is to foster an end to end vision of the Galileo system in order to fully respond to user and market needs.

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