

WORKSHOP ON THE IMPACTS OF REACH Regulation

(Registration, Evaluation, Authorisation and Restriction of Chemicals)

on Launch Vehicles



13 th December 2017 at ESA HQ Daumesnil
to register send an email to klara.stanic@esa.int before 8th December



The European Union's ambitious regulation REACH seeks to improve human health and protect the environment from the risks posed by chemicals. How will the legislation affect ESA's activities in the field of launchers? A one-day workshop will tackle the major issues on 13 December at HQ Daumesnil. All staff and contractors are welcome to attend. In recent years, the European Union has increased its efforts to protect its citizens and the environment. Among other measures, it has enacted REACH, governing the Registration, Evaluation, Authorisation and Restriction of Chemicals – one of the most ambitious and strictest environmental regulations to date. The regulation has set up the European Chemicals Agency, which manages the technical, scientific and administrative aspects of REACH.

For ESA's space transportation programmes, REACH represents high strategic risk as potential supply chain disruptions could hamper launch vehicles production, jeopardising Europe's autonomous access to space.

On a positive note, the regulations could also create business opportunities in Europe, fostering innovation in new sustainable technologies.

This workshop will address the main principles of the REACH process and their impact on space programmes, focusing on launch vehicles. It will present the strategy industrial actors have put in place to cope with the regulations, and the European-wide coordination between industry and space agencies, managed through the joint European Materials & Processes Technology Board. Presentations will offer examples of current European activities that seek to find alternatives, and efforts to develop new sustainable technologies.

WORKSHOP ON THE IMPACTS OF REACH REGULATION ON LAUNCH VEHICLES
SPACE TRANSPORTATION DIRECTORATE
13 December 2017
ESA HQ Daumesnil
VINCI Conference room

Programme

09:30-09:35	Welcome		ESA
<i>REACH regulations in Europe and in space sector</i>			
09:35-09:40	Introduction of REACH impacts on European Launchers	MC Contino	ESA/HQ
09:40-10:10	Main principles of the REACH process, current status and outlook	T. Becker	ReachLaw
10:10-10:40	REACH obsolescence management in the European space sector	T. Rohr	ESA/ESTEC
10:40-10:50	Eurospace actions to support industry in the context of REACH	P. Lionnet	Eurospace
10:50-11:00	<i>Coffee Break</i>		
<i>REACH management at industrial level and status on launchers programmes</i>			
11:00-11:30	REACH Flow down management and status on A5/A6	C. Dariol/JM. Besson	Arianegroup
11:30-12:00	REACH Flow down management and status on Vega/Vega C	F. Lillo	Avio
12:00-12:30	The view of a formulator for application to launchers	F. Trombetta	Henckel
12:30-12:45	Questions/answers		
12:45-13:30	<i>Lunch Break</i>		
<i>REACH alternatives: status and R&D</i>			
13:30-14:00	An example of REACH management on Chromate VI	Dariol/Besson	Arianegroup
14:00-14:30	A REACH alternative for Chromate free application in industry	JM G. Estevez	Airbus Spain
14:30-15:00	Activities on REACH alternatives : Activities in ESA future launchers	J. Breteau	ESA/FLPP
15:00-15:20	Advanced Manufacturing REACH free R&D at ESA	T. Ghidini	ESA/ESTEC
15:20-15:50	Activities on REACH alternatives- R&D activities in national agencies	C.Durin	CNES Toulouse
15:50-16:00	<i>Coffee Break</i>		
16:00-17:00	Open discussion on way forward		All