

2022 Clean Space Industry Days

Tuesday, 11 October 2022

Ecodesign: Setting the scene of eco design for space - Earth room in the Erasmus building (09:30 - 11:00)

time	[id] title	presenter
09:30	[77] LCA and Ecodesign at ESA	PADILLA GUTIERREZ, Estefania MORALES SERRANO, Sara
10:00	[78] EC Environmental policy	PINTO, Vera
10:30	[79] ESA CSR and strategy for overcoming CLIMATE and SUSTAINABILITY challenges	LAMBOGLIA, Elisabetta

Ecodesign: Setting the scene of eco design for space - Earth room in the Erasmus building (11:30 - 13:00)

time	[id] title	presenter
11:30	[76] Regulatory-driven materials' obsolescence risks and their impact on European Space Sector	JANIK, Premysl
12:00	[38] Criticality assessment of the EU space systems' supply chains: initial findings and identification of further data needs	MAURY-MICOLIER, Thibaut
12:30	[35] Space missions: Benchmarking of environmental impacts	WONNEBERGER, Natacha Mr CHANOINE, Augustin

Ecodesign: LCA framework - Earth room in the Erasmus building (14:00 - 15:30)

time	[id] title	presenter
14:00	[51] ESA LCA DB End-User Experience	Mr GROZEA, Ionut
15:00	[36] Environmental Expert Evaluation of ESA Space System LCA Guidelines	WONNEBERGER, Natacha Mr CHANOINE, Augustin

Ecodesign: Experience gained in LCA - Earth room in the Erasmus building (16:00 - 17:30)

time	[id] title	presenter
16:00	[54] A life cycle assessment of alternative materials for a cubesat manufacturing	MIO, Andrea
16:30	[48] Eurostar Neo Battery Pack Life Cycle Assessment	VAL, Catarina
17:00	[59] Metasat UK: A Start-Up in Space LCA	Mr OQAB, Haroon

Wednesday, 12 October 2022

Ecodesign: Green 4 ESA - Earth room in the Erasmus building (09:30 - 11:00)

Ecodesign: LCA applied to Space - Earth room in the Erasmus building (11:30 - 13:00)

time	[id] title	presenter
11:30	[65] Environmental sustainability of future proposed space activities	MIRAUX, Loïs
12:00	[69] Application of LCA in projects by Airbus DS	Mr WEBER, Julien
12:30	[68] Lessons learned by applying LCA to the CO2M space mission during phase B2 and C/D	VERCALSTEREN, An

Ecodesign: LCA Applied to Space: Launch vehicles - Earth room in the Erasmus building (14:00 - 15:40)

time	[id] title	presenter
14:00	[117] Introduction to Post-NESTS Ultra-Green Launch & Space Transportation Systems	ESCUDERO, Luis
14:10	[32] Study in the field of Ultra-Green Launch & Space Transportation Systems	Mrs GUILLEMIN, Delphine Mrs BRUN-BUISSON, Céline
14:35	[61] Ultra-green Launch & Space Transportation Systems Study	Mr TURNBULL, Oliver GODFREY, Penny
15:00	[18] Green Space Logistics Project – A Software Tool for Rapid Assessment and Comparison of Space Transportation Vehicles' Environmental Impacts for Design Trade-Offs	Mr UDRIOT, Mathieu

Ecodesign: LCA Applied to Space: Launch vehicles - Earth room in the Erasmus building (16:00 - 17:30)

time	[id] title	presenter
16:00	[81] Ecodesign of a launch service based on a semi-reusable minilauncher	MIRAUX, Loïs
16:30	[5] A Comprehensive Approach to Life Cycle Assessment of Space Transport Systems	Mr FISCHER, Jan-Steffen
17:00	[82] Propellant's impact	TORMENA, Enrico DOMINGUEZ CALABUIG, Guillermo MIRAUX, Loïs MORALES SERRANO, Sara

Thursday, 13 October 2022

Ecodesign: Greener Alternatives - Earth room in the Erasmus building (10:00 - 11:00)

time	[id] title	presenter
10:00	[39] Life Cycle Assessment of eco-design options for printed circuit boards and electronic assembly	CAUWE, Maarten
10:30	[53] Optimizing germanium substrate usage in the manufacturing of MJ solar cells: from concepts to demonstrators	COURTOIS, Guillaume

Ecodesign: Wrap-up - Earth room in the Erasmus building (11:30 - 12:30)