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## Aerospace News

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# ESA's Jupiter Mission Moves Off the Drawing Board

[ESA, March 16, 2017]

Demanding electric, magnetic and power requirements, harsh radiation, and strict planetary protection rules are some of the critical issues that had to be tackled in order to move ESA's Jupiter Icy Moons Explorer – Juice – from the drawing board and into construction.

Scheduled for launch in 2022, with arrival in the Jovian system in 2029, Juice will spend three-and-a-half years examining the giant planet's turbulent atmosphere, enormous magnetosphere, its set of tenuous dark rings and its satellites.

It will study the large icy moons Ganymede, Europa and Callisto, which are thought to have oceans of liquid water beneath their icy crusts – perhaps even harbouring habitable environments.

*[Read more using this [link](#) to this article on the website of the European Space Agency (ESA).]*

*Sister Sections 2007–2017  
2017: The 10<sup>th</sup> Anniversary*

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