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# Helix Nebula GA7: suppliers' view of the EU Open Science Cloud

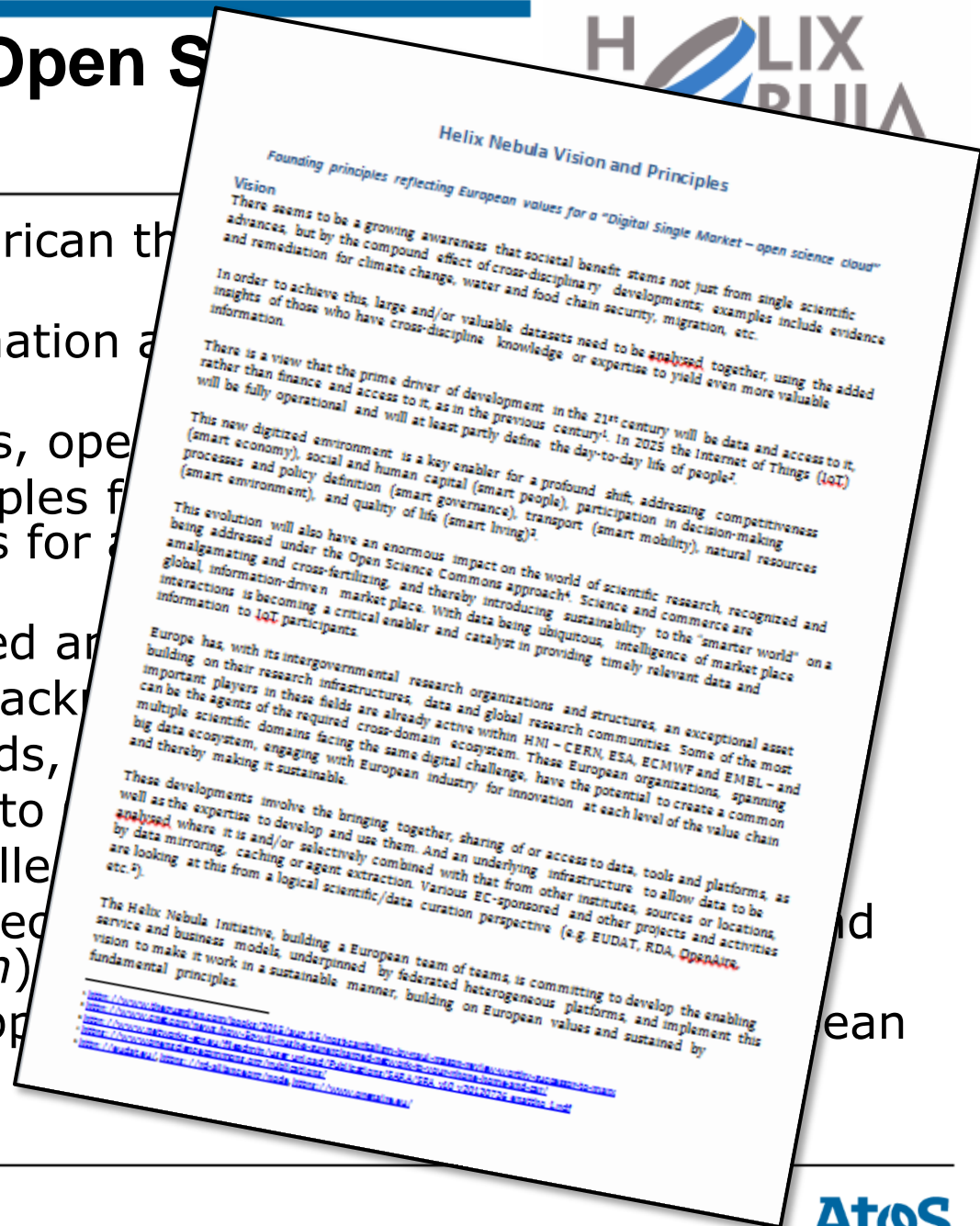
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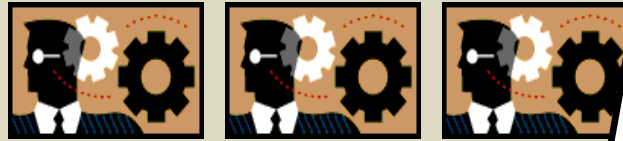
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# Building a European Open Science Cloud ecosystem

- ▶ We shouldn't try to out-American the EU difference
- ▶ Focus of attention on Information and Infrastructure
  - emphasize open standards, open science
  - based on "Founding principles for a digital single market reflecting European values for a science cloud"
- ▶ Establish and use EU-oriented approaches
  - IPR: recognise, track and acknowledge
  - adhere to EC-SIG standards, open science
  - data protection, adhering to GDPR
    - Safe Harbor [sic] has fallen through
    - (and TTIP won't fly, because of it: *my own opinion*)
  - so we have a refreshed open science services





Commission services

Services providers

Algorithm providers

Data providers

PaaS portal:  
e.g. Indigo-DataCloud

Helix Nebula  
Marketplace  
portal (HNX)

# European Industry comment/proposal on Copernicus Access Platform(s) Discussion paper: Executive Summary

Based on High level presentation of Options for Copernicus Access Platform(s) Discussion paper - 1st draft!

## 1 Executive summary

This document is the response to the European Commission high level presentation of options for Copernicus access platform(s), and is submitted on behalf of (some of) the suppliers in the Helix Nebula Initiative (<http://www.helix-nebula.eu/>).



Contributors to this response are (in alphabetical order):

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CLOUDEO



T-Systems

THALES

### 1.1 Our Understanding

We have received the above-mentioned EC High level presentation of Options for Copernicus Access Platform(s) document with interest, as it creates real synergies with what we are and have been doing within Helix Nebula (HN).

We understand and welcome the challenges as identified within it: as well as the need for pure Access Platform, they provide a basis for the provision of a full end-to-end information as a service (INFOaaS) ecosystem related to Earth Observation services, which was identified and envisaged within the original Helix Nebula FP7 project<sup>2</sup> with the ESA flagship.

### 1.2 Our Concerns

We are concerned both that the document seems to include an implicit presumption that the required infrastructure will be provided by only American cloud providers, and that it seeks to procure discrete components from (presumably) the lowest bidder, rather than seeking a coherent set of services.

aaS  
iders

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