

# A Cloud Computing infrastructure for the *Competence Centre* *for the Conservation* *of Cultural Heritage* **(4CH)**

**Alessandro Bombini**

On behalf of the 4CH collaboration

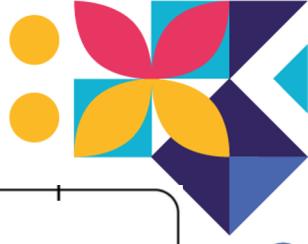
*Istituto Nazionale di Fisica Nucleare & ICSC*



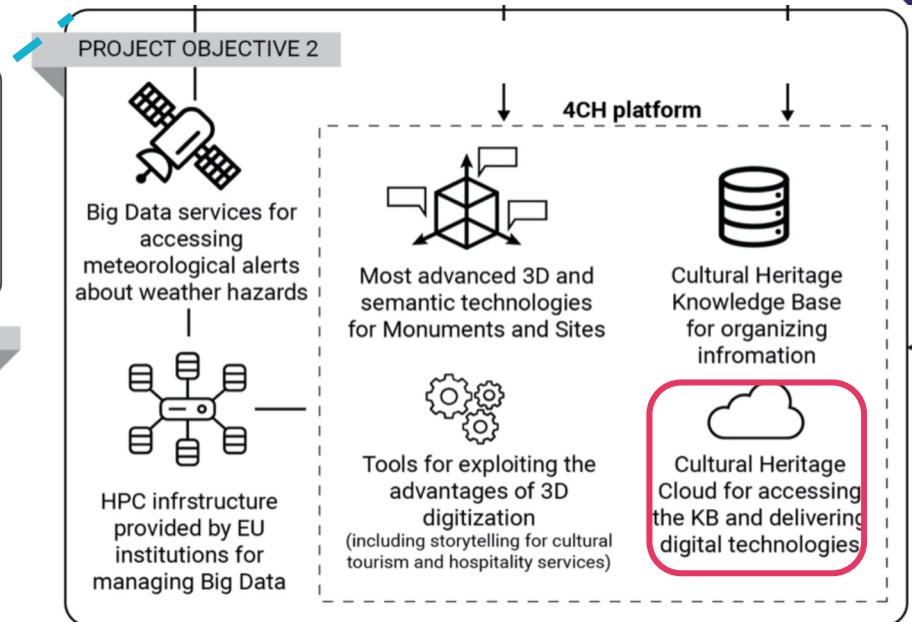
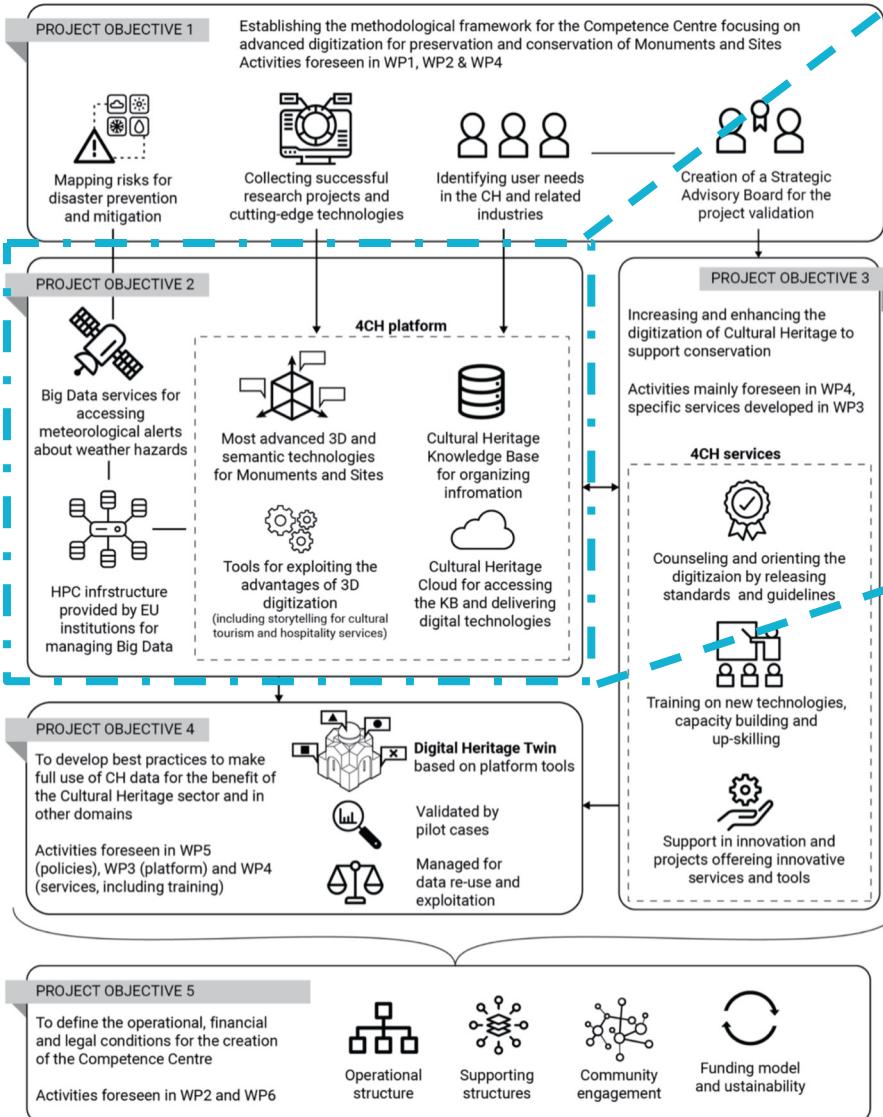
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# Competence Centre for the Conservation of Cultural Heritage (4CH)



The 4CH is to design and prepare for a European Competence Centre for the Conservation of Cultural Heritage.

The Competence Centre will address several topics such as how Cultural heritage is managed, the risks it may be exposed to, the technologies that can be used for its conservation and how it shall be exploited.

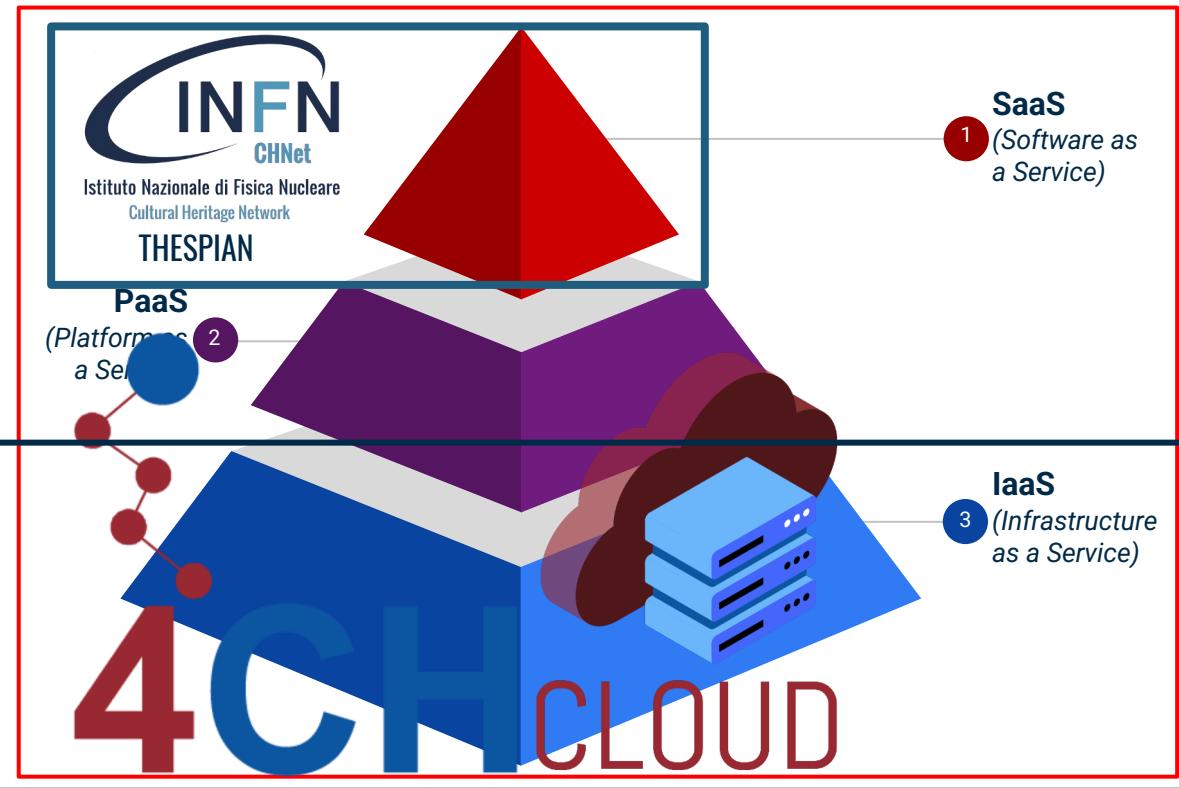
**4CH CLOUD**



# Towards the development of a 4CH Cloud Platform - part I

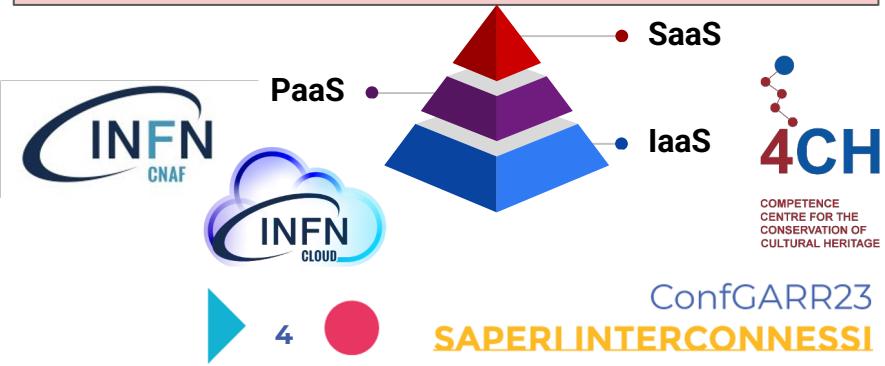
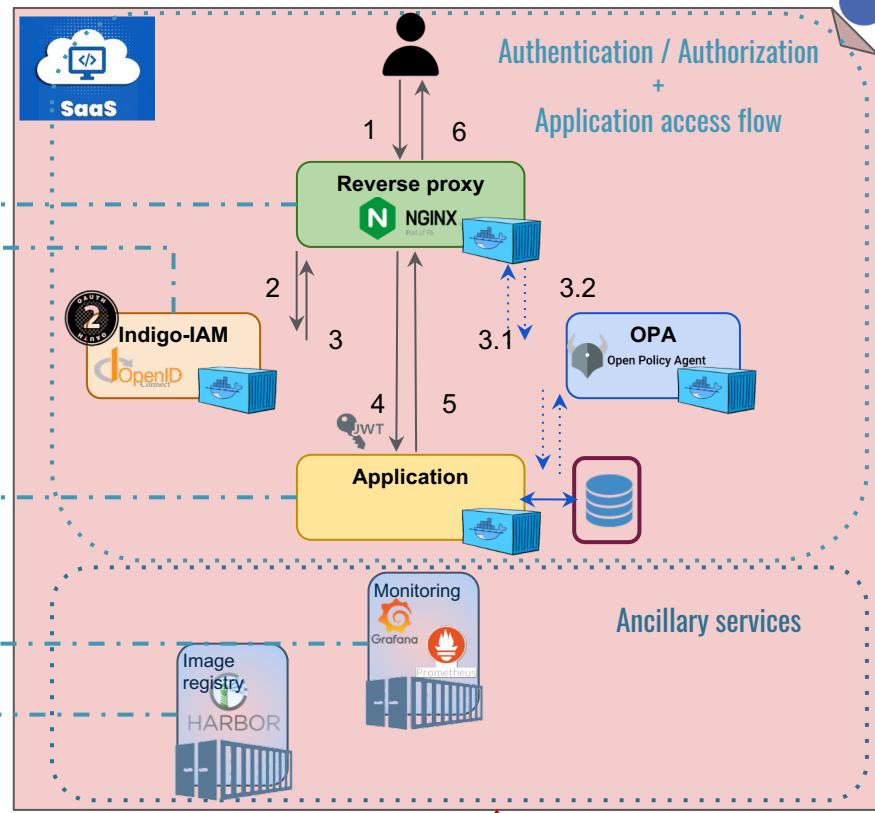
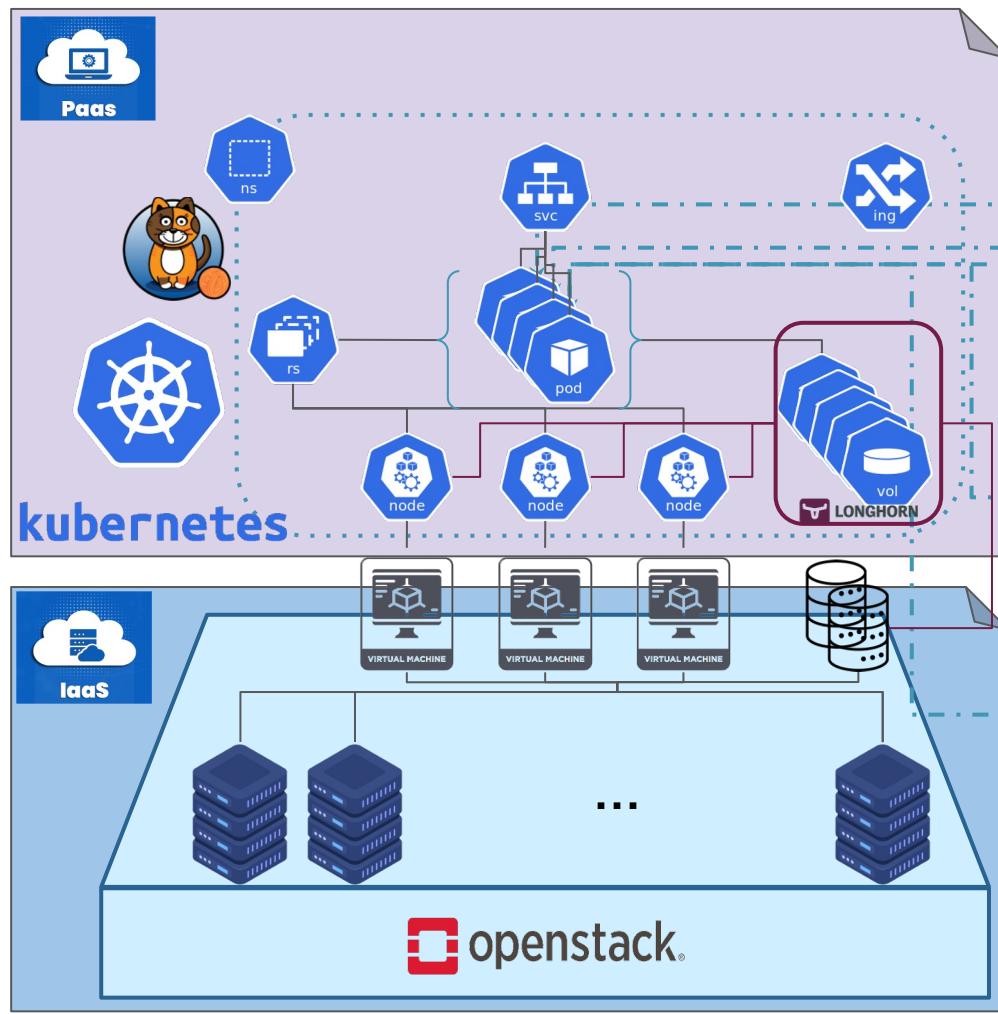
Effort has been spent to **design** and **implement** a proper architecture, able to combine different software stack, and aimed at **providing** users with the capability of using different software services.

To host the 4CH services for cultural heritage, a cloud-native approach has been adopted to implement a 4CH Pilot infrastructure hosted on **Cloud@CNAF** resources as part of **INFN Cloud** collaboration





# Towards the development of a 4CH Cloud Platform - part II





## 4CH cloud - next steps



At the time being, some services provided by and for the **Cultural Heritage community** within the activities of the 4CH project have been ported and hosted in the **4CH Cloud Platform**.



# Thanks for your attention!

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4CH: <https://www.4ch-project.eu/>



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