



ADELASIA DI TORRES

FOUNDATION

NAE

NAUTICAL ADVANCES EXPERIENCES

First proposal about the creation of
an advanced nautical pole in **Sardinia**.



The scenario

In the current competitive scenario, only large shipyards have the possibility of having a R&D center, style and design. These key functions translate research activities into immediate competitive advantage, with the aim of selling products, which must necessarily be innovative and captive. Research is therefore strictly connected to production.

Adelasia di Torres intends to launch the challenge to the next America's Cup, always considered the master sailing competition in which technology and technical features are expressed at the highest levels.

The America's Cup will push the arrival on the regional territory of considerable scientific know-how, focused on technical and naval architecture experience that can be converted into skills subsequently useful on ship production and not only.

It is like what happens in Formula 1, a forge of talent and ideas, which are then adapted and re-performed, on industrial scale, for high-end products of car manufacturers.

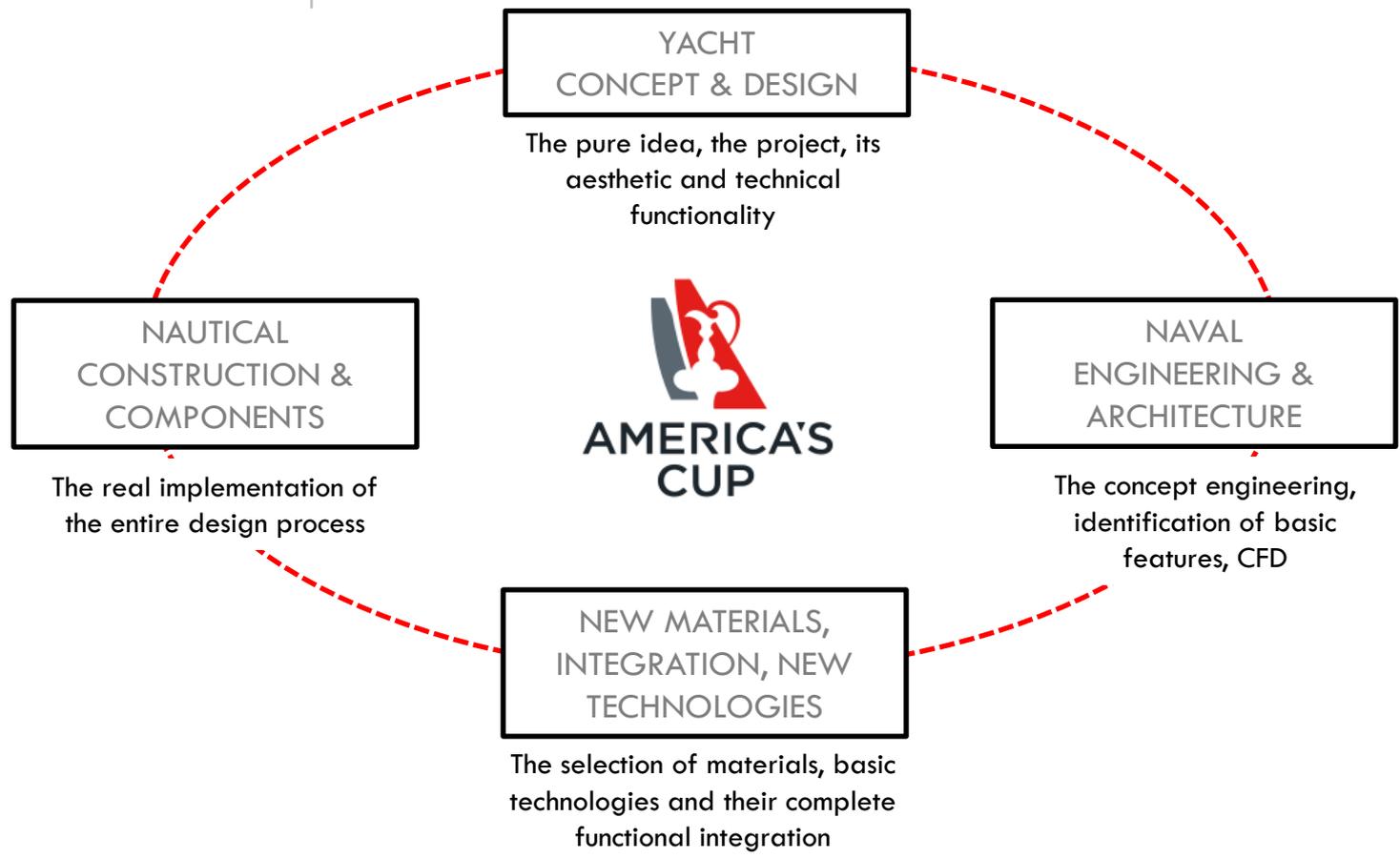
Boating is a strongly conservative industry, however there is a progressive phenomenon of pervasive diffusion of technologies. If in the automotive sector this process is leading to cars with a low environmental impact, intelligent and increasingly connected, in the nautical sector this trend is still at the beginning.

Sardinia and its excellence pole will be able to offer solutions to the various requests coming from the nautical market.



The model

NAE, that in Sardinian language means ship, is a project for the creation an excellent nautical pole enhancing the various scientific experiences gained during the America's Cup, making them productive and creating added value, employment and wealth even after the challenge. It starts from the four basic axes of every nautical construction and from their continuous processes of interaction.





The strategy

NAE has four strategic goals

1. Creation of an advanced research center in the field of Yacht Design and Concept, Naval Engineering, New materials, integration and new technologies;
2. Creation of an excellent manufacturing and shipbuilding site in the CIPNES area of Olbia;
3. Creation of an international scientific support network;
4. Creation of a training center for strongly skilled labor resources and coordination roles to support advanced nautical construction.

1	#invent	#project	#experiment
2	#produce	#industrialize	#earn
3	#spread	#patent	#exploit
4	#educate	#valorize	#employ



Strategic goals	Operational goals	Business Units
<p>Creation of an advanced research center in the field of Yacht Design and Concept, Naval Engineering, New materials, integration and new technologies;</p>	<p>The creation of a structure able to connect:</p> <ol style="list-style-type: none"> 1. The highly skilled professionals involved in all the projecting process during the challenge; 2. Junior team, like post graduates and post doctorate, to be professionally educated for the future after the America's Cup; 3. Visiting professors and representatives of institutions. 	<p>R&D LAB</p>
<p>Creation of an excellent manufacturing and shipbuilding site .</p>	<p>The realization of a production plant to be initially used for the production of the AC75 and subsequently converted to composite boats, exploiting the know-how developed in the first phase.</p>	<p>SHIPYARD</p>
<p>Creation of an international scientific and financial support network to exploit the results through spin off and start up companies</p>	<p>The implementation of a legal entity able to aggregate the potential stakeholders of the network such as banks, business angels, investment funds, ventures, universities and other research centers.</p>	<p>INCUBATOR AND BUSINESS ACCELERATOR</p>
<p>Creation of a training center for skilled labor resources and coordination roles to support advanced nautical construction.</p>	<p>The institution of a technical school for:</p> <ol style="list-style-type: none"> a) Boat builders specialized on composites; b) Plant workers; c) Coordinators and project managers. 	<p>ACADEMY</p>



The impact

Considering only the creation of the shipbuilding production pole for carbon production and connected processing there will be a significant impact on the employment and local income levels.

DURING THE AMERICAS CUP	TOTAL REVENUES	DIRECT EMPLOYEES	INDIRECT EMPLOYEES
3 YEARS	13.0 M/EUR	40 FTE	40 FTE

AFTER THE AMERICAS CUP	TOTAL REVENUES	DIRECT EMPLOYEES	INDIRECT EMPLOYEES
5 YEARS	20.0 M/EUR	40 FTE	40 FTE



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