



39<sup>th</sup> IAHR  
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From Snow to Sea

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#FromSnowToSea



The identification of missing elements of the cultural, architectural, and natural heritage linked to the urban river Monelos (Spain)

Amal Nnechachi Bounous, Daniel Lucas Teijeiro Mosquera  
Francisco Alberto Varela García, Jerónimo Puertas Agudo

Organized by:



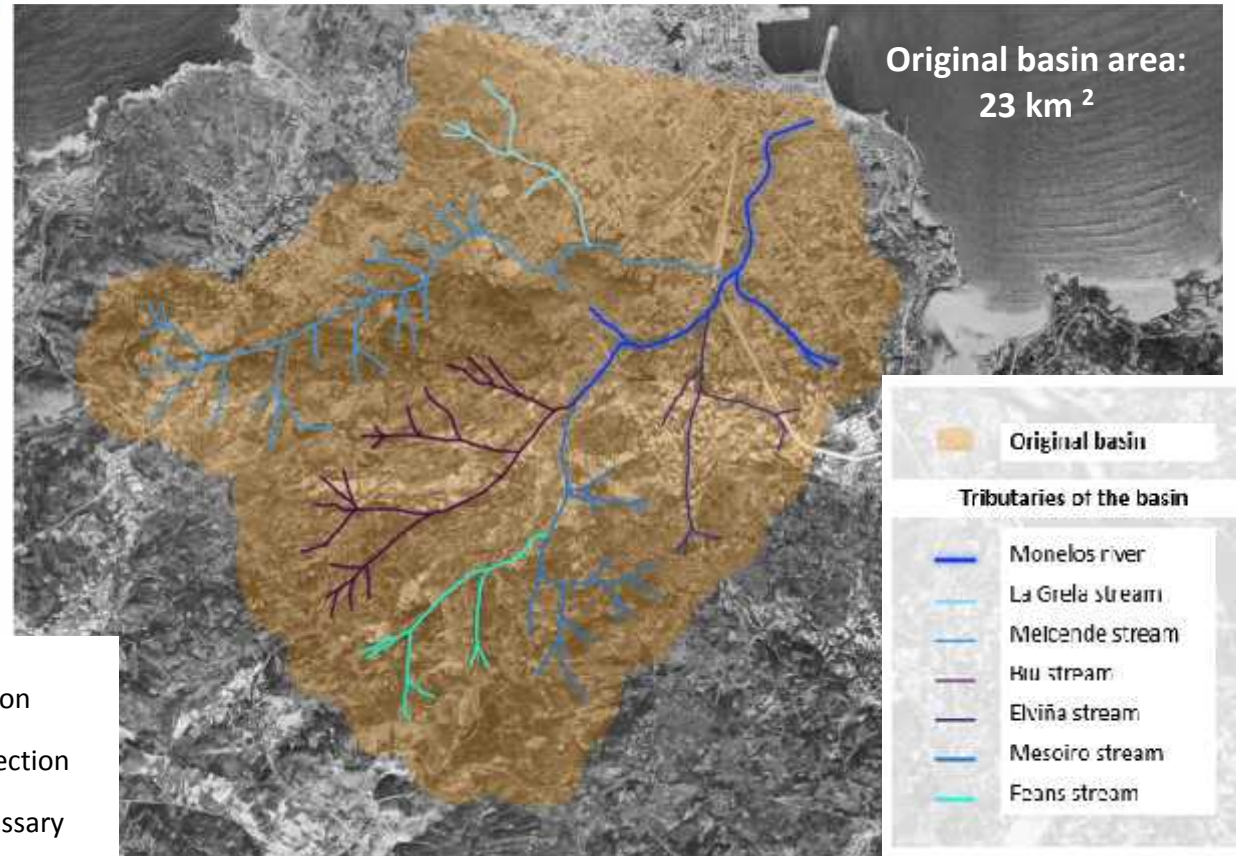
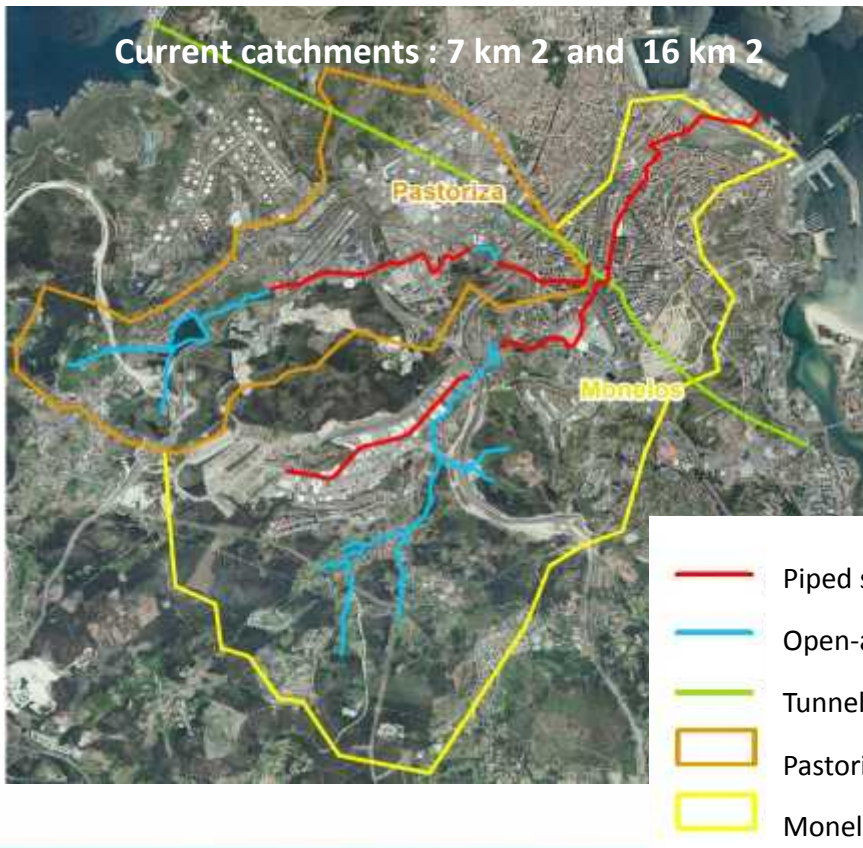
[www.iahrworldcongress.org](http://www.iahrworldcongress.org)



<http://cartolab.udc.es/monriver/>



## Introduction



Orthophotography based on the American flight series B (1956) showing the course of the original river (1906) and the historical basin.

## Materials and methods

Work team	Interdisciplinarity	
Advanced Visualization and Mapping Group	Department of Civil Engineering	University of A Coruña
Water and Environmental Engineering Group		
History of Art, Architecture and Urbanism Group	Department of History of Art	University of Santiago de Compostela

## Materials and methods

## Data Collection

Bibliographic search

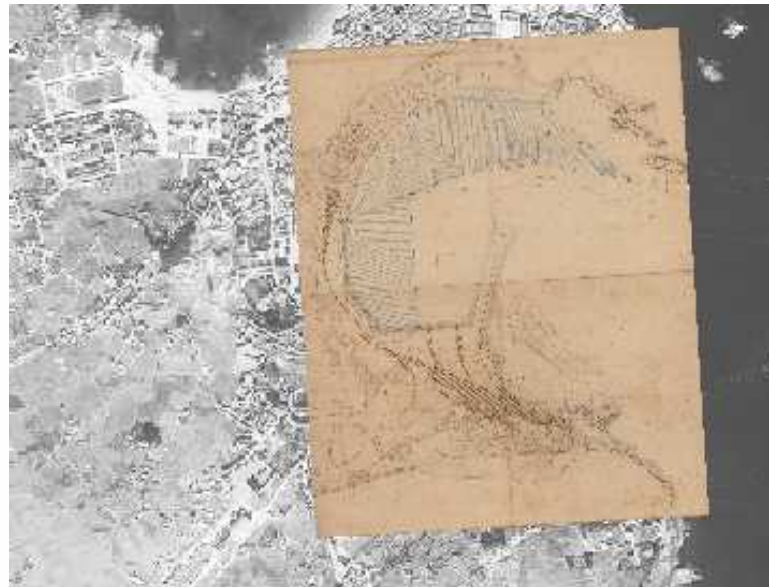
Search, analysis and interpretation of the available historical information related to the Monelos river

Projects, minutes, newspaper archives, plans



## Materials and methods

- Transcription of historic records
- Georeferencing of localised plans
- Location of identified architectural elements
- Digitalisation of the river's historical routes for the different periods



## Materials and methods      Compilation of the oral memory



## Materials and methods

View and manage geolocated surveys

<https://emapic.es/custom/monriver>

emapic Mapa de recorridos de Río Monriver

Cal é a túa idade?

Menos de 25 anos

Entre 25 e 30 anos

Entre 31 e 35 anos

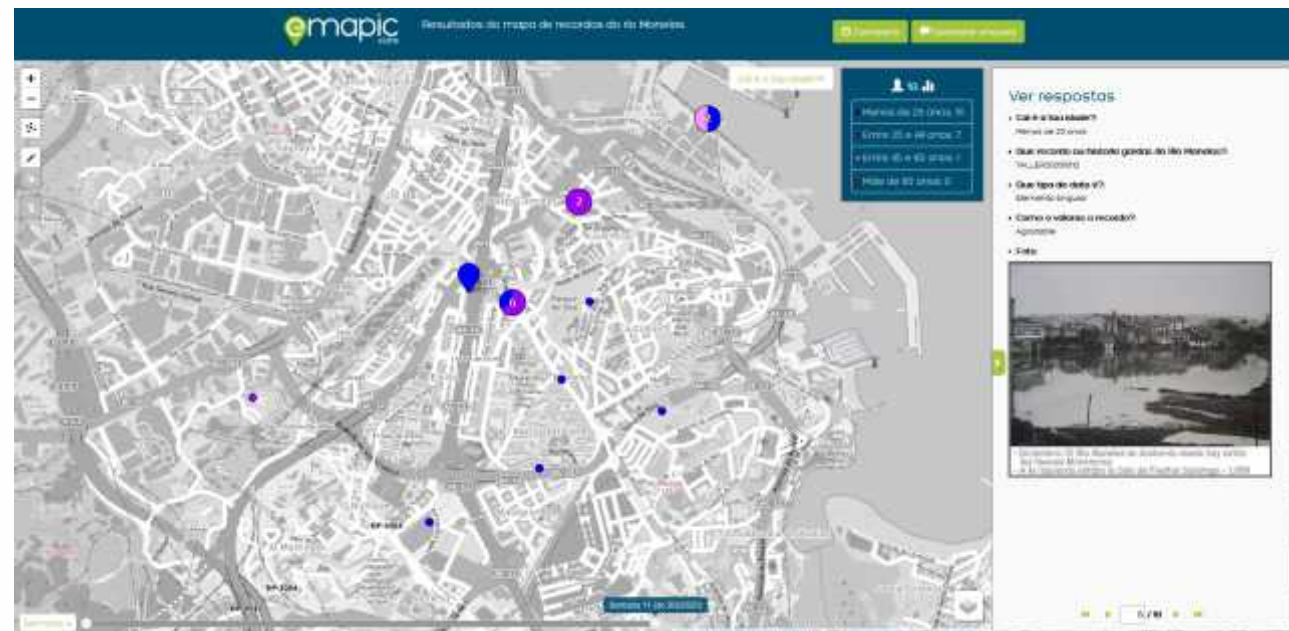
MAIS DE 35 anos

Developed by

The Cartographic Engineering Laboratory

cartoLAB

University of A Coruña





## Results

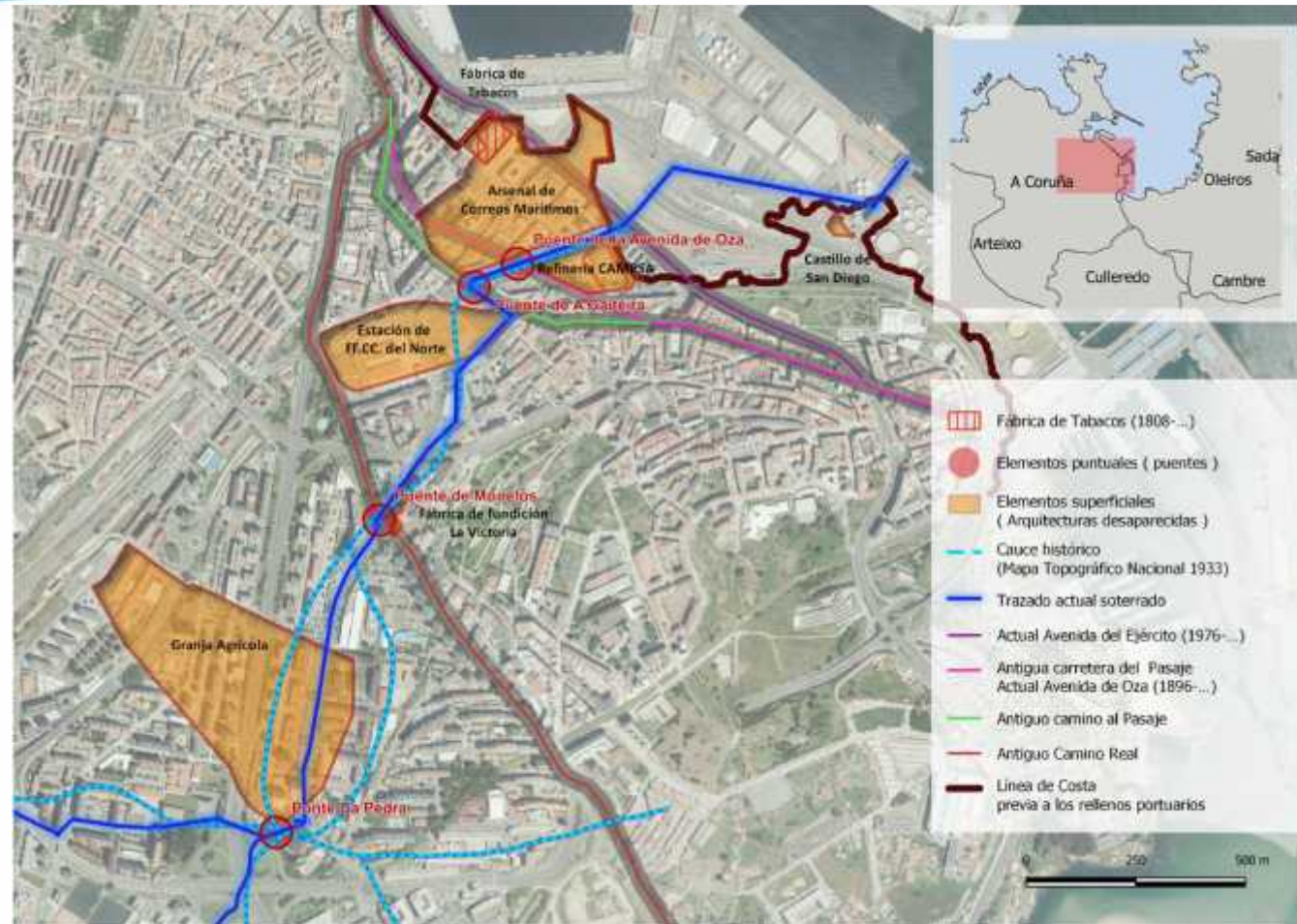
- The channelling phases of Monelos river
- The architectural elements in connection with the river
- Reconstructing the history and recovering the memory of the river



Collaborative mural commemorating the Monelos River

## Results

1. The Arsenal of Maritime Post Office
2. The General's Orchard
3. The Foundry factory
4. The North Railway Station
5. The harbour landfills
6. The channelling projects

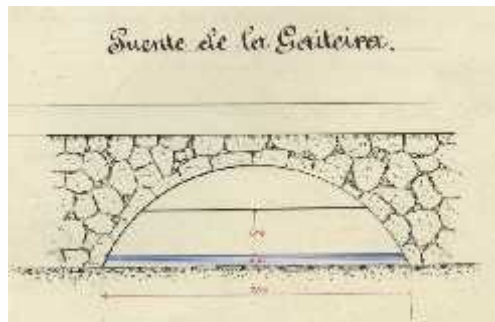


## Results The Arsenal of "La Palloza"

- The maritime post office for the American colonies (1788)
- A Gaitera bridge (1525)
- The Royal Tobacco Factory (1808)
- A court building (2017)



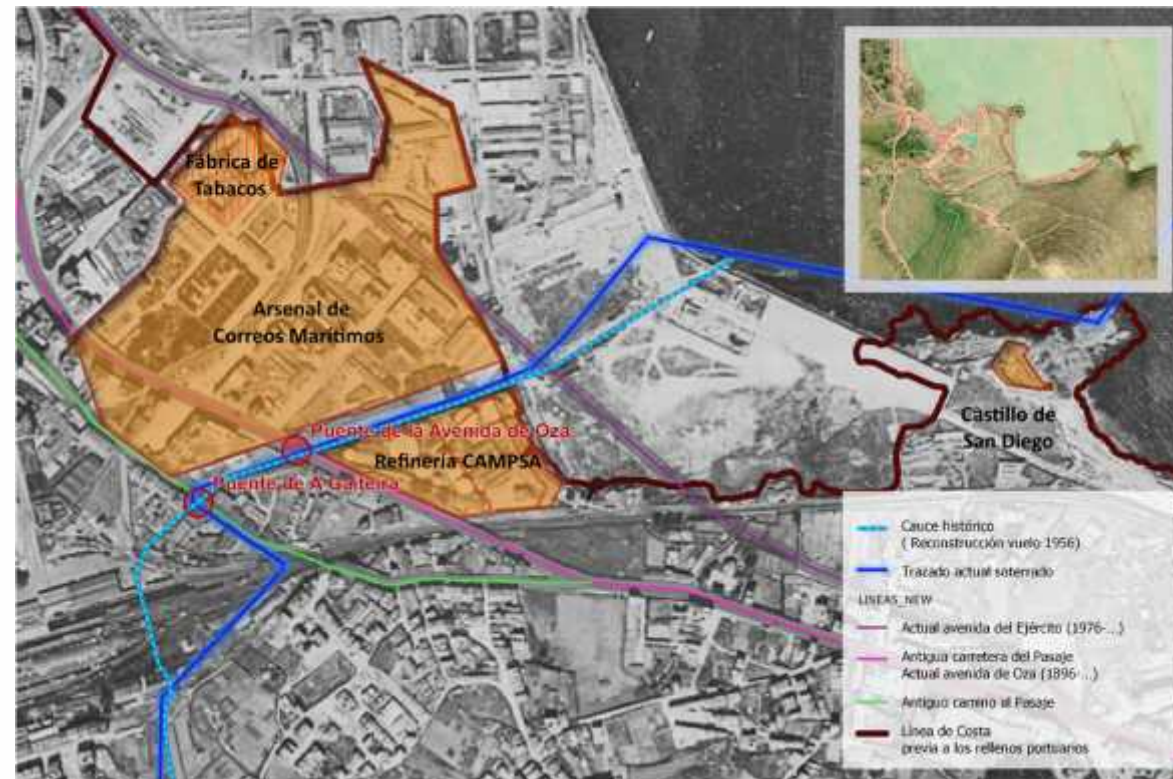
La Gaitera bridge



The Royal Tobacco Factory



The Court Building

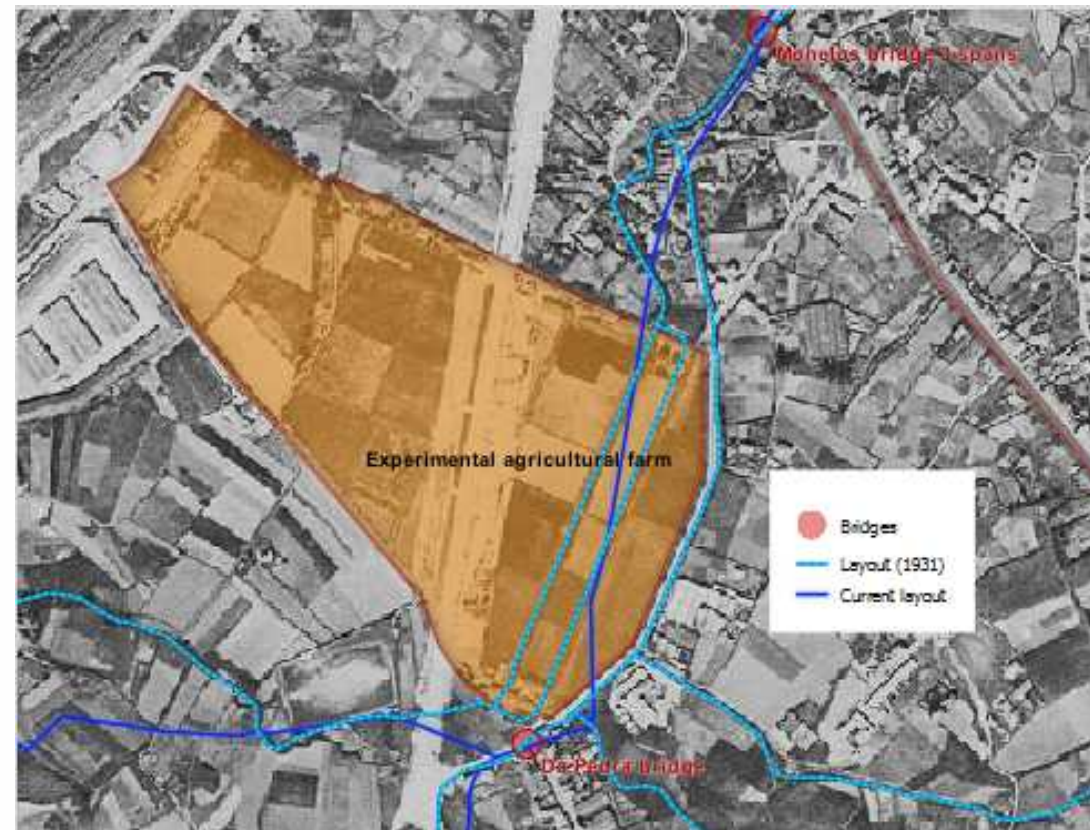


## Results The General's Orchard

- Orchard (Martin Cermeño), (1780)
- Experimental agricultural farm, the first scientific center in the city (1888)
- Elviña Urbanization: (1963)



Postcard of the canalised river as it passes through the Agricultural Farm

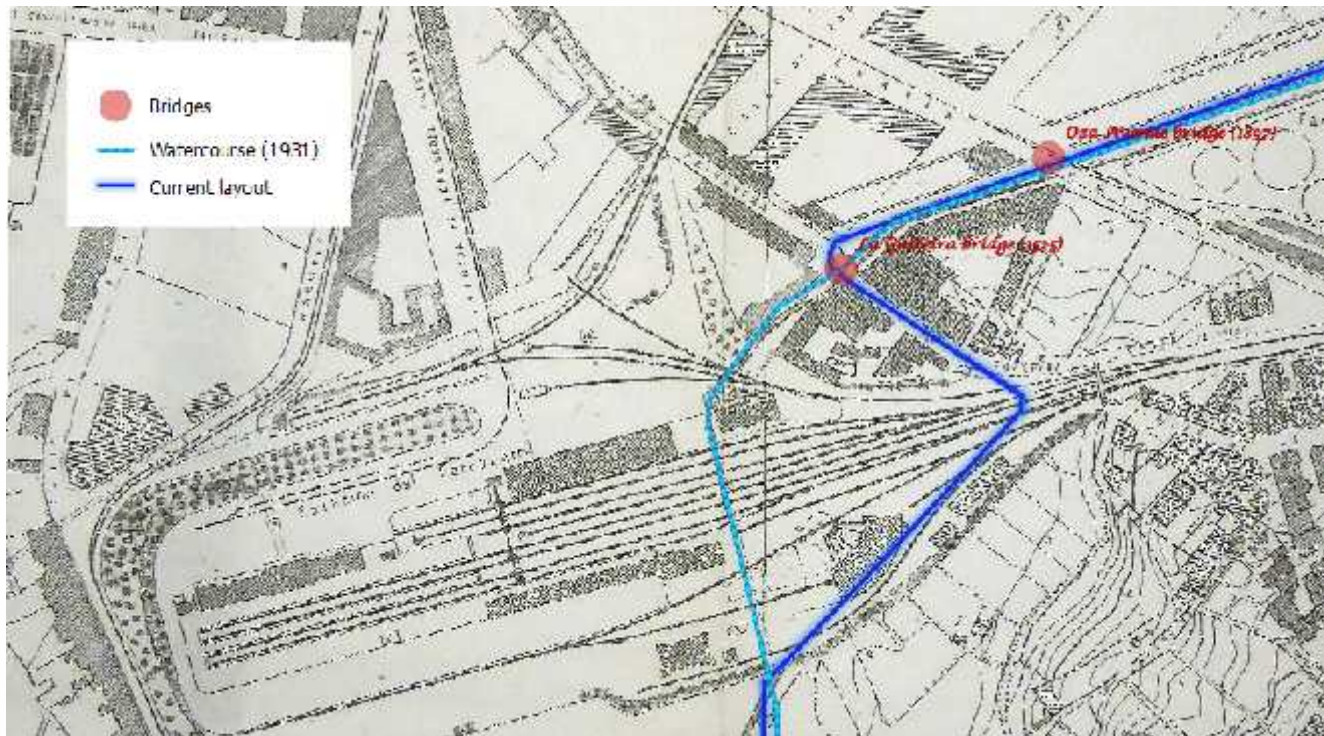


## Results The Foundry factory



Letterhead of the invoices of the company

## Results North Railway Station 1883



Oza Avenue bridge: 1897



## Results

### The harbour landfills

- Port expansion: year 1877
- Completion of works: year 1960



San Diego Castle (1911)



Current photograph of the outfall



Construction of the sea outfall pipeline in 1931.

## Results The channelling projects

- The City council decision: year 1936
- Project to channel the river: 1956
- Construction works: 1965 to 1967



Urban development works in Elviña

Current situation of the river



Channelling works. Oza Avenue Bridge (1966-1970)



## Discussion and conclusions

- Tangible values
- Intangible values





# Thank you

Amal Nnechachi Bounous

[amal.nnechachi@udc.es](mailto:amal.nnechachi@udc.es)

