



AMS 17 in Seville

University of Seville – National Accelerators Center (CNA)

University of Seville

- Founded in 1505
- 32 faculties
- 134 departments
- 59 000 Degree and Master students
- 3700 PhD students

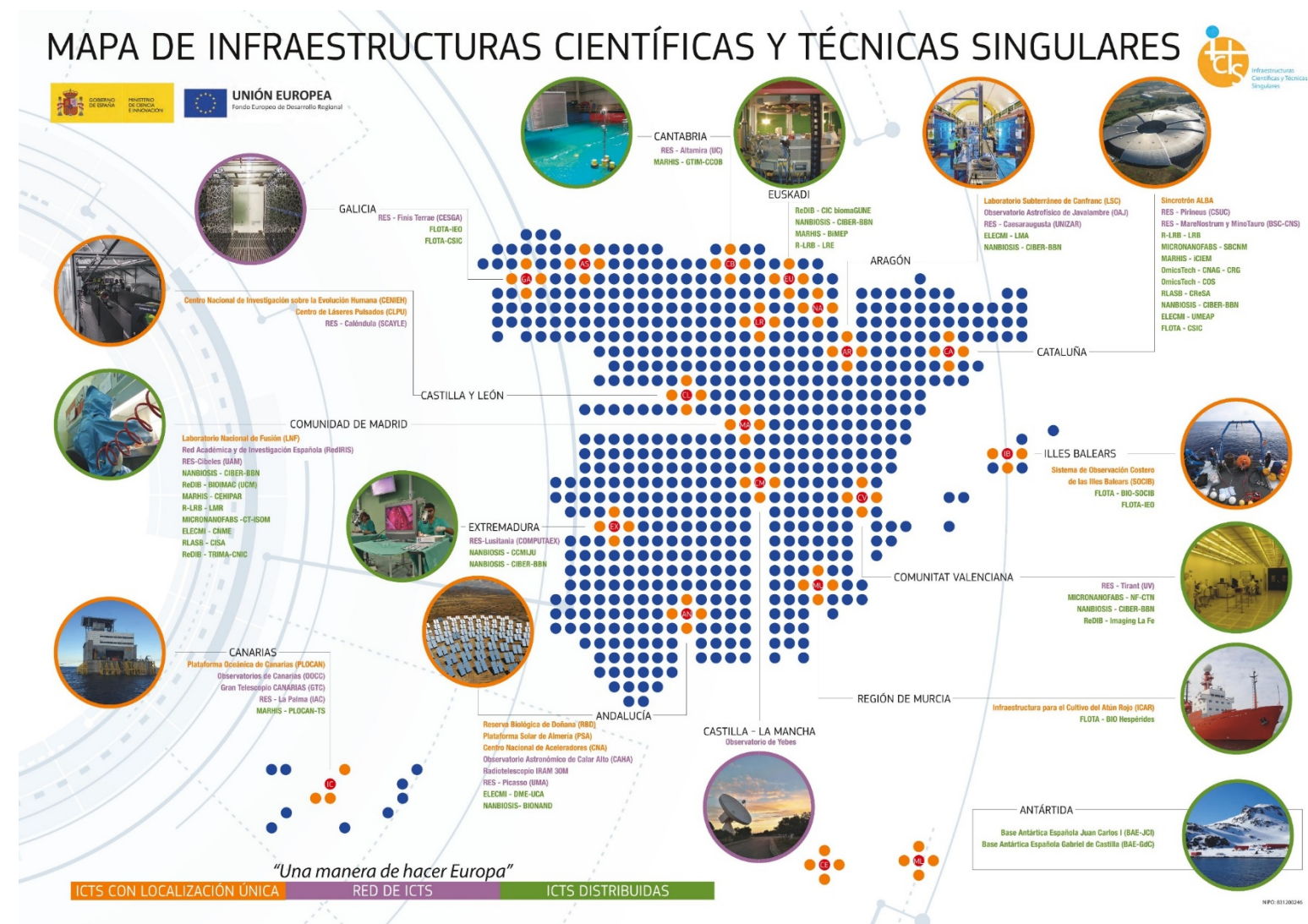


National Accelerators Center (CNA) – Seville



- Four accelerators:
 - Tandem 3 MV
 - Ciclotron (18 MeV protons and 9 MeV deuterons)
 - 1 MV Tandem for AMS (SARA)
 - 200 kV Tandem for ^{14}C AMS (MICADAS)
- Other facilities:
 - PET/CT Scanner for humans
 - ^{60}Co Irradiator





**1 MV Tandetron (HVEE, 2005)
SARA (Spanish Accelerator for Radionuclide Analysis)**



**200 kV MICADAS
ETH 2012**



History of Accelerator Mass Spectrometry at CNA

D. thesis on
or Mass
metry. First
tion in an AMS
ce (Vienna)

2005

First AMS system
at CNA (1 MV
Multi-element
from HVEE)

1999
-
2024

Participation in all the
AMS conferences

2024

8 PhD AMS thesis in the group
6 Oral presentations and 2
posters in AMS-17 Guilin

Naturally Occurring Radioactive Material (NORM V)

Proceedings
of an international symposium
Seville, Spain, 19–22 March 2007



NORM V CONFERENCE
2007
220 PARTICIPANTS

POLONIUM CONFERENCE
2011
190 PARTICIPANTS

Journal of Environmental Radioactivity 102 (2011) 413–414



Contents lists available at ScienceDirect

Journal of Environmental Radioactivity

journal homepage: www.elsevier.com/locate/jenvrad



Editorial

**Journal of Environmental Radioactivity special issue: international topical
conference on Po and radioactive Pb isotopes**

ABSTRACT

Keywords:
Conference
Polonium
Radioactive lead

An international conference on polonium (Po) and radioactive isotopes was held in Seville Spain, 26–28 October 2009 at the Centro Nacional de Aceleradores. It was attended by 138 participants from 38 different countries. The sessions covered all aspects on Po and lead (Pb) such as radiochemistry, terrestrial and marine radioecology, kinetics, sedimentation rates, atmospheric tracers, NORM industries and dose assessment

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Experience in conferences organization

**CONCENTRATION
PROCESSES
2016
190 PARTICIPANTS**

Journal of Environmental Radioactivity 186 (2018) 1–2



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Editorial

Journal of Environmental Radioactivity special issue: II International Conference on Radioecological Concentration Processes. (50 years later)



ABSTRACT

Keywords:
Conference
Radioecology
Concentration
Processes

An international conference on Radioecological Concentration Processes was held in Seville, Spain, 6–9 November 2016 at the Centro Nacional de Aceleradores. It was attended by 160 participants from 35 different countries. This was the 2nd conference on this item since 1966, 50 years ago. The conference covered aspects of radiological important radionuclides on terrestrial, marine and freshwater environments and has allowed obtaining a clear picture of the status of the Radioecology as a consolidated discipline in the 21st century.

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7th International Conference on
Environmental Radioactivity
Seville, Spain
September 17th – 22nd, 2023



**ENVIRA 2023
225 PARTICIPANTS**

What about the city?

Where?

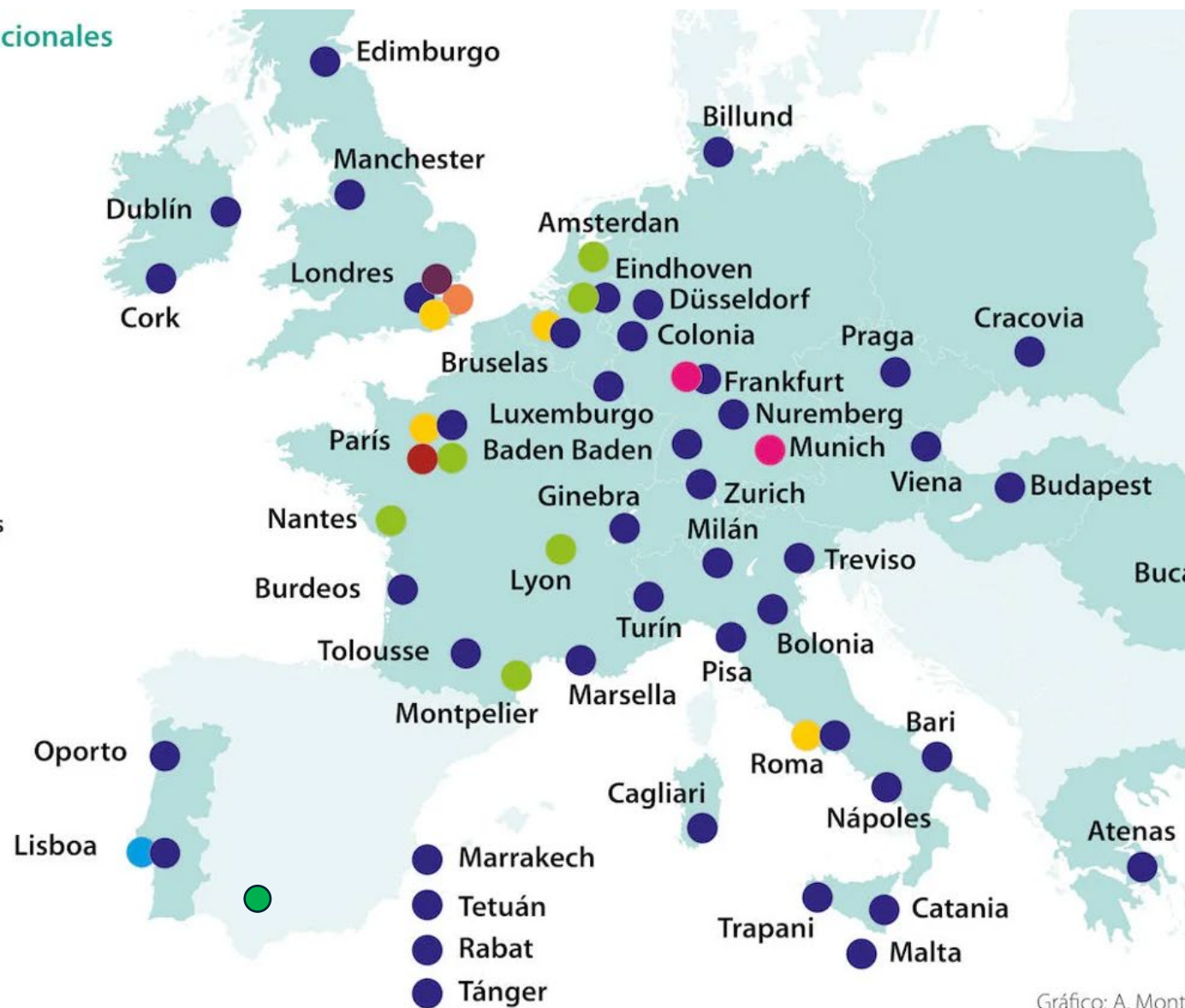


Seville



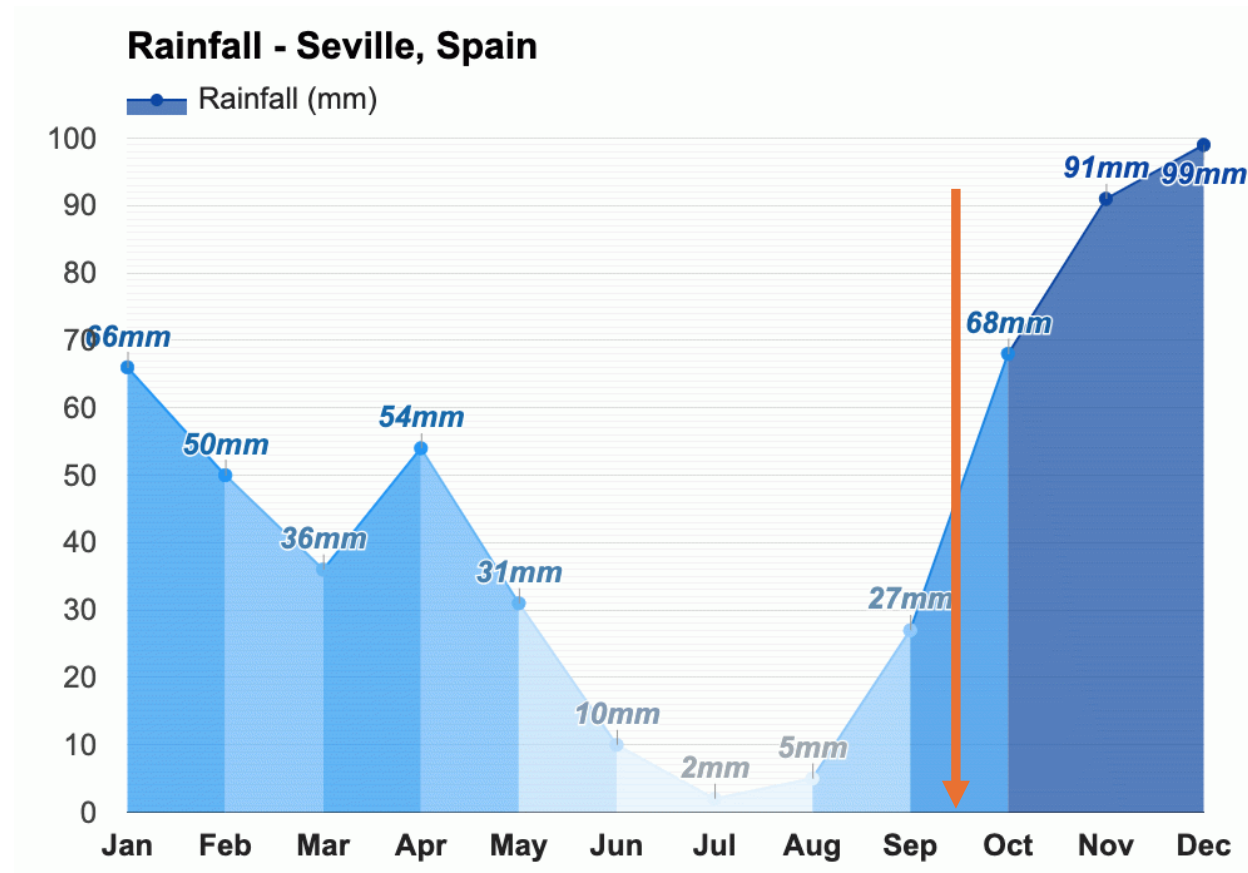
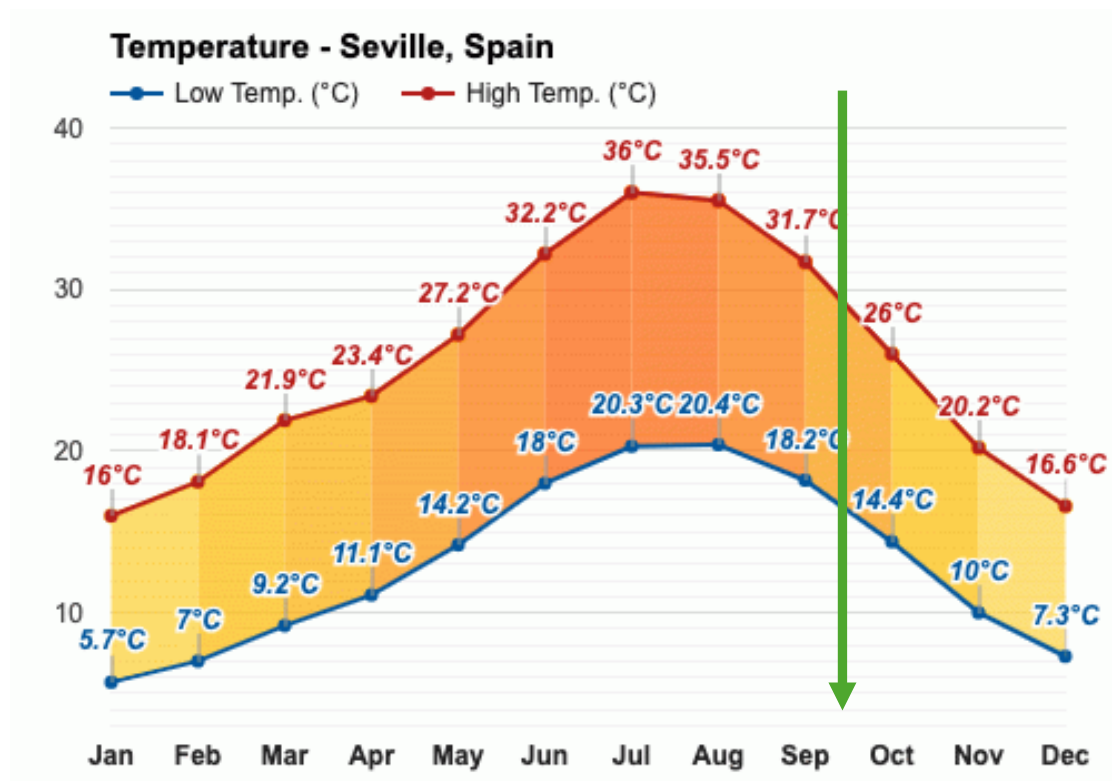
Direct flights to 60 international destinations*

:: Destinos internacionales



And connections with the main cities in Spain by plane and fast trains (Madrid, Barcelona, Málaga...)

*A direct flight from/to Beijing is currently under negotiation



September – October 2027

And what else?





Did you know that Sevilla has inspired
more than 150 operas¹?

¹Ramón María Serrera y Andrés Moreno Mengívar. *Ciudad de 150 Óperas*. Editor: Alfonso Martínez. Ediciones Alymar S.L. 2012.
ISBN: 978-84-95242-72-3.

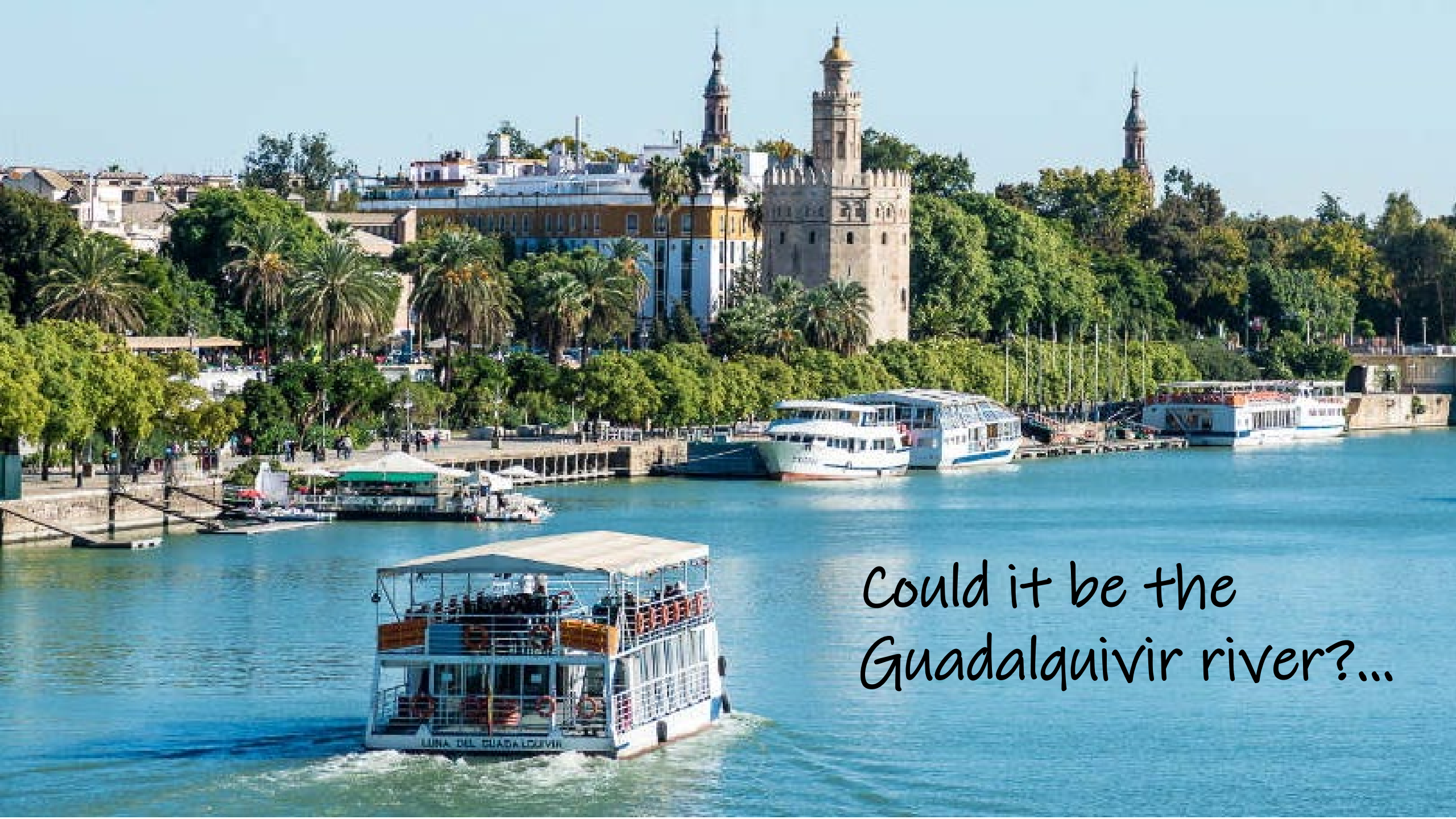


And famous movies have been filmed there?



There must be some charm...





Could it be the
Guadalquivir river?...



Maybe the
roman,...



...the Muslim,...



...the Jewish,...



... or the Christian
heritage?

Maybe the tapas?



Or the environment?



It doesn't matter...



The best would be to see you
in 2027 in Sevilla for AMS-17!

