



CCC2017

INVITATION

31 Aug. - 1 Sept. 2017 Tokaj, Hungary

**‘INNOVATIVE MATERIALS AND
TECHNOLOGIES FOR CONCRETE
STRUCTURES’**

fib.bme.hu/ccc2017.html

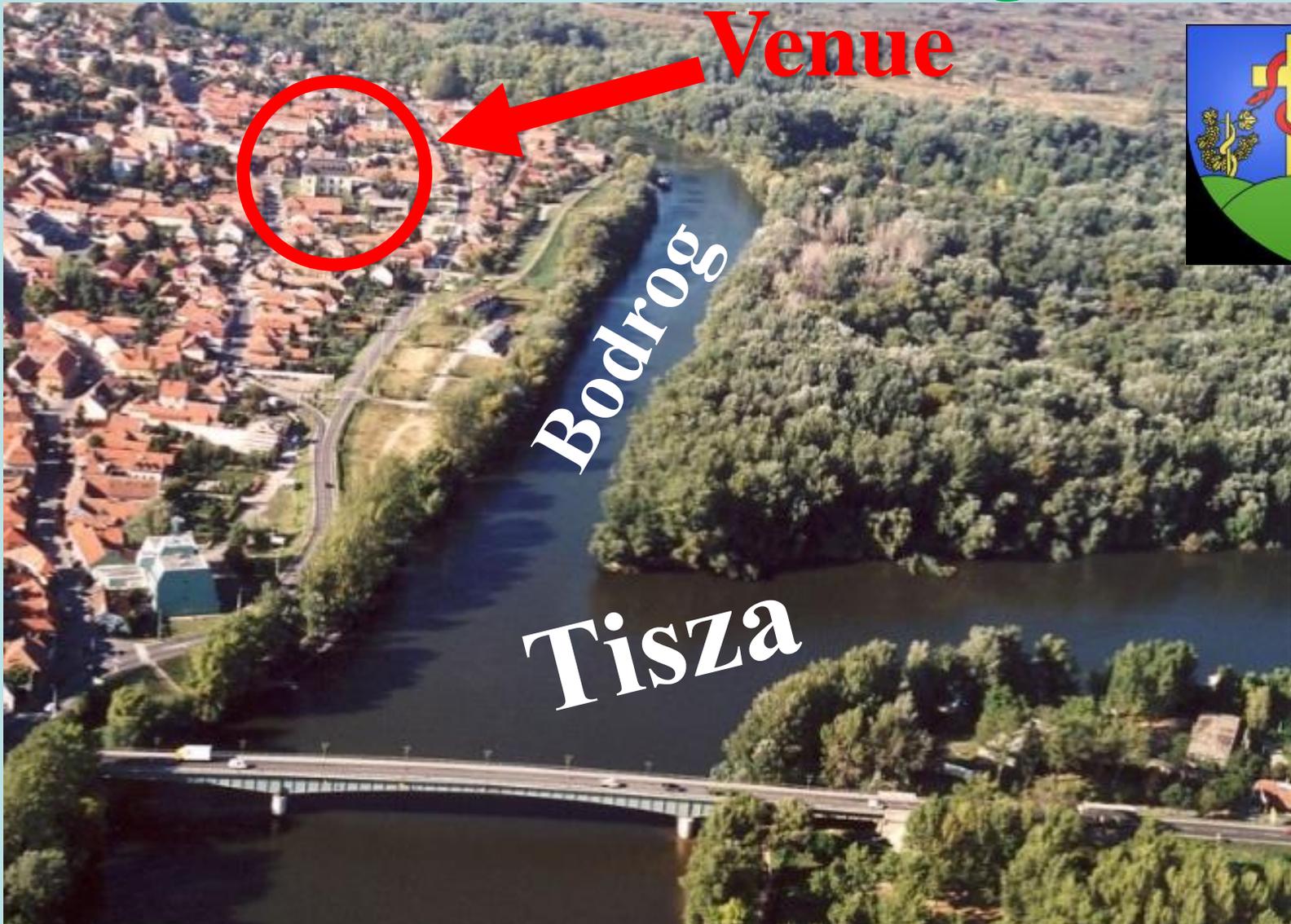
2007- Visegrád

2017- Tokaj

2011- Balatonfüred



Tokaj is a beautiful city at the confluence of the Tisza and the Bodrog Rivers

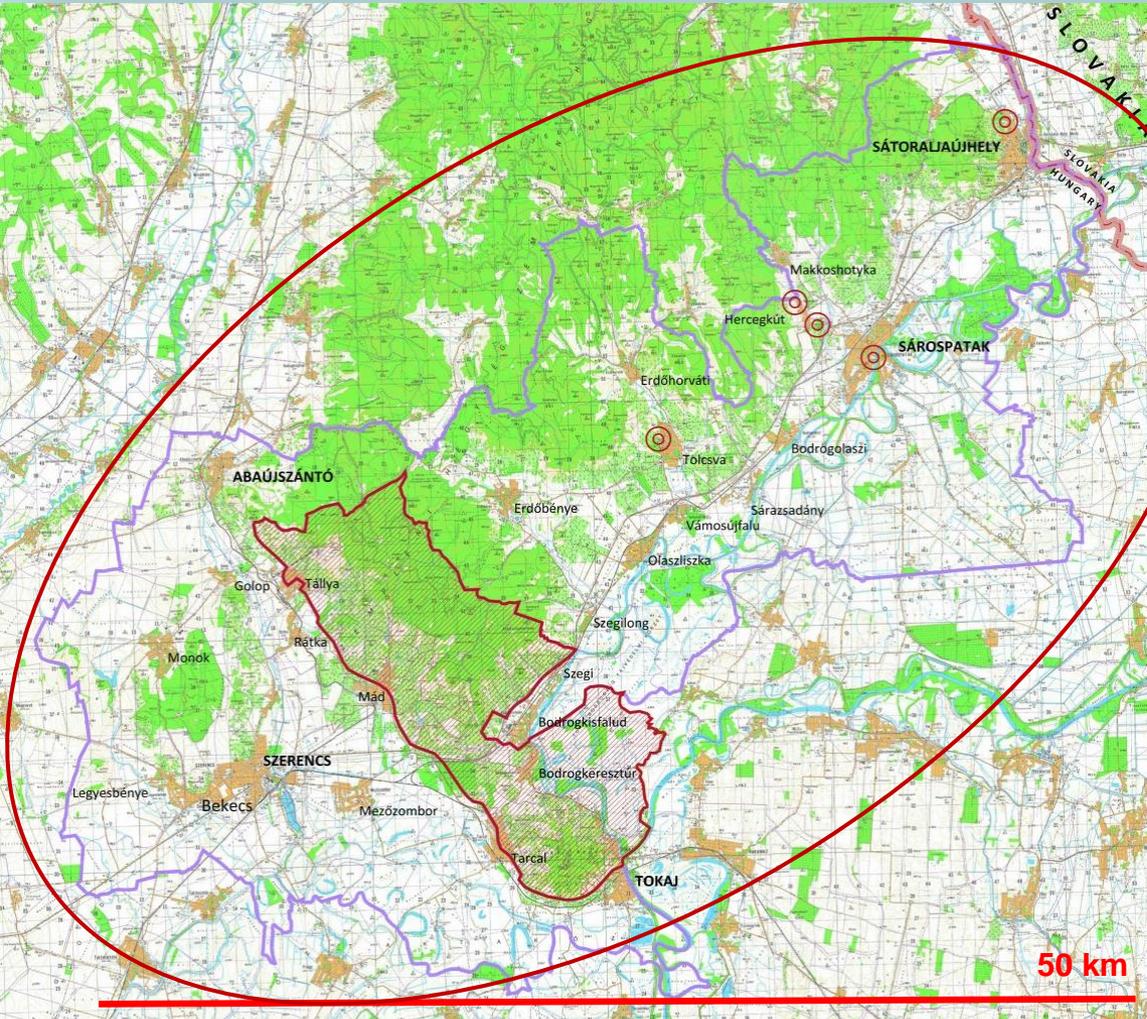


Venue



Tokaj Wine Region Historic Cultural Landscape - UNESCO World Heritage

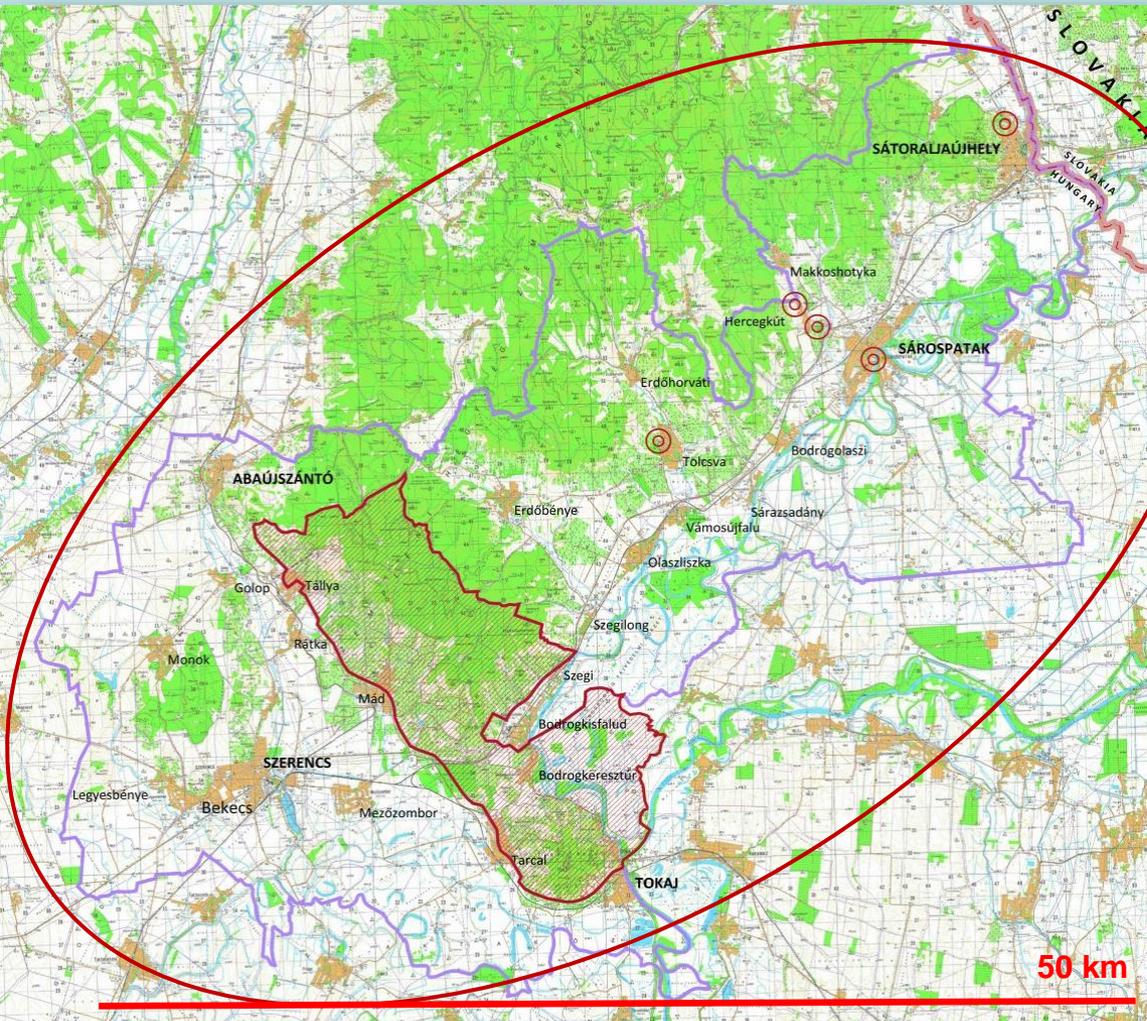
(2002)



The Tokaj wine region represents a **distinct viticultural tradition** that has existed for at least **a thousand years** and which **has survived intact up to the present.**

Tokaj Wine Region Historic Cultural Landscape - UNESCO World Heritage

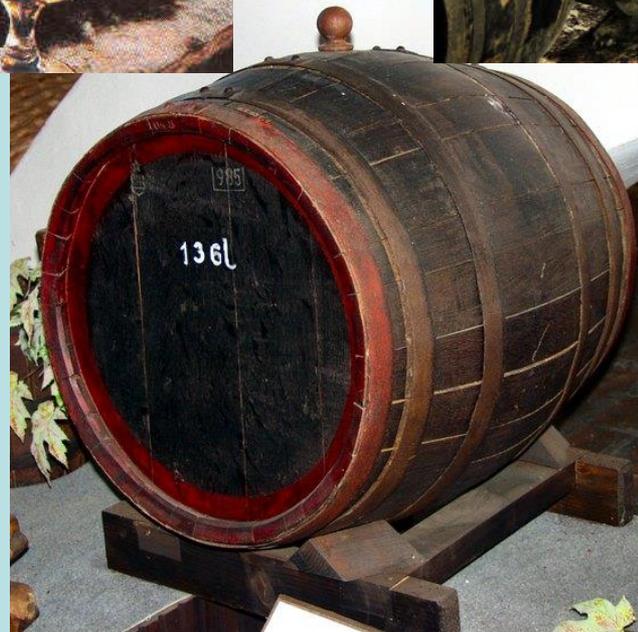
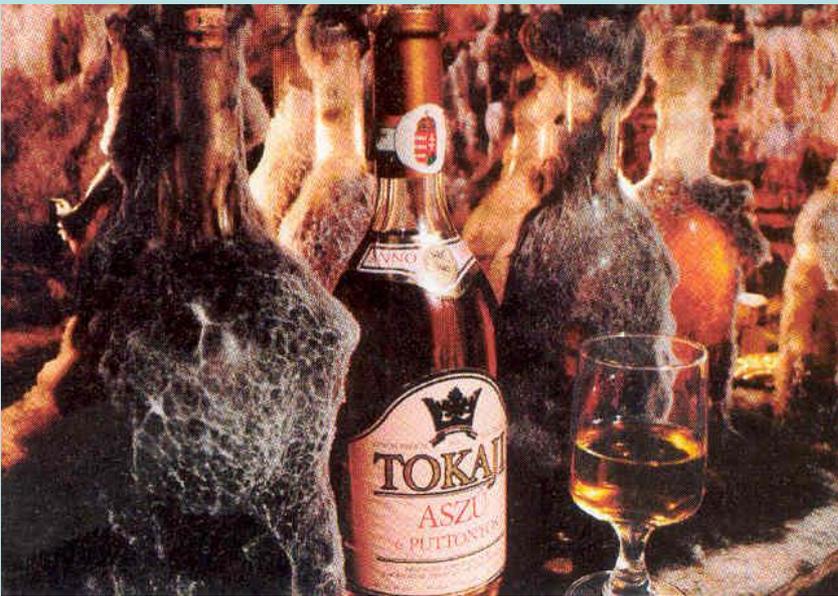
(2002)



The legal base of **delimitation of the wine region** is among **the first in the world** and dates back to 1737 when the decree of Emperor Charles VI (Charles III, King of Hungary) established **the area as a closed wine region.**

Tokaj Wine: Vinum regnum - Rex vinorum

King of wines – wine of kings



***Typical
barrel:
136.6 liters
(36 gallons)***

Tokaj Wine: Vinum regnum - Rex vinorum

King of wines – wine of kings



Venue 2017: Tokaj Cultural Complex



Venue 2017: Tokaj Cultural Complex



CONGRESS TOPICS



CONGRESS TOPICS

Topic 1. Tailored properties of concrete

Topic 2. Advanced reinforcing and prestressing materials and technologies

Topic 3. Advanced production and construction technologies

Topic 4. Advanced concrete structures: design, construction and use

Topic 5. Modelling, Design and Codification

CONGRESS TOPICS

Topic 1

TAILORED PROPERTIES OF CONCRETE

Environmentally compatible cements.

New types of aggregates.

High performance admixtures.

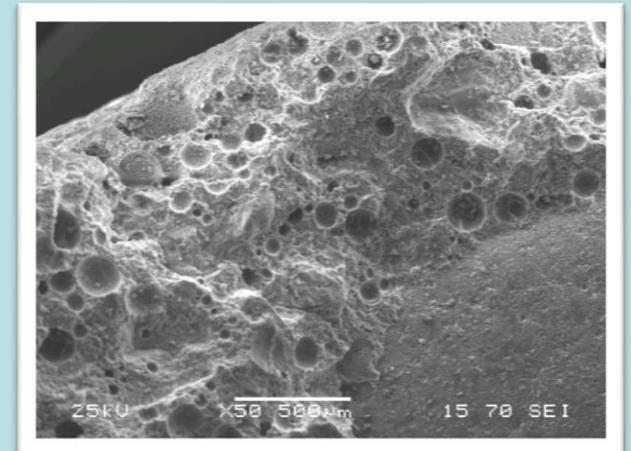
High strength and high performance concretes.

Fibre reinforced concrete.

Lightweight concrete.

Green concrete.

Applications.



CONGRESS TOPICS

Topic 2

ADVANCED REINFORCING AND PRESTRESSING MATERIALS AND TECHNOLOGIES

Metallic and non-metallic reinforcements.
Internal and external reinforcements.
Applications.



CONGRESS TOPICS

Topic 3

ADVANCED PRODUCTION AND CONSTRUCTION TECHNOLOGIES

Concrete structures meeting high requirements.

Design aspects.

Modelling.

Prefabrication.

Applications.



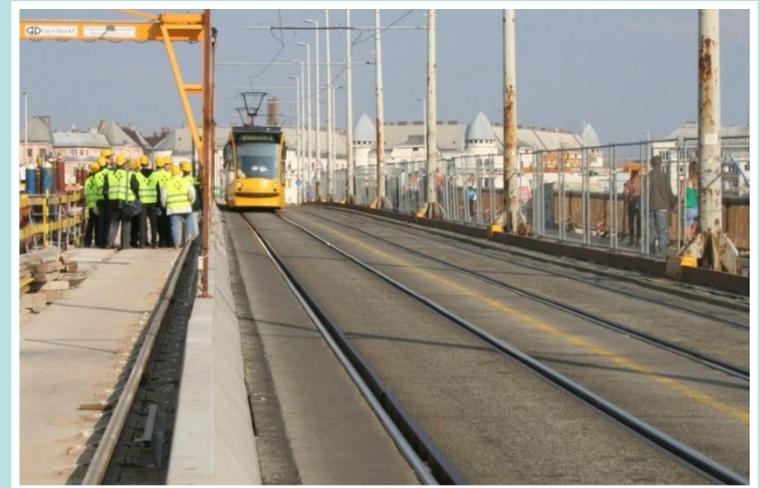
CONGRESS TOPICS

Topic 4

ADVANCED CONCRETE STRUCTURES:

design, construction and use

Recent successful applications of concrete for bridges, buildings or other structures.

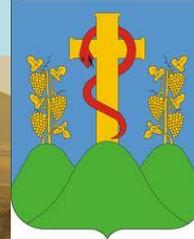


Topic 5

Modelling, design and codification

CONGRESS DINNER

Plan: Rákóczi Pince, Tokaj



TECHNICAL VISIT: 1 km from Venue

“Katlan” – New concrete amphiteatrum

- Tentative -



<http://globotv.hu>



TECHNICAL EXCURSION

Sauska Winery – Development

- Tentative -



PRE-CONGRESS TOURS



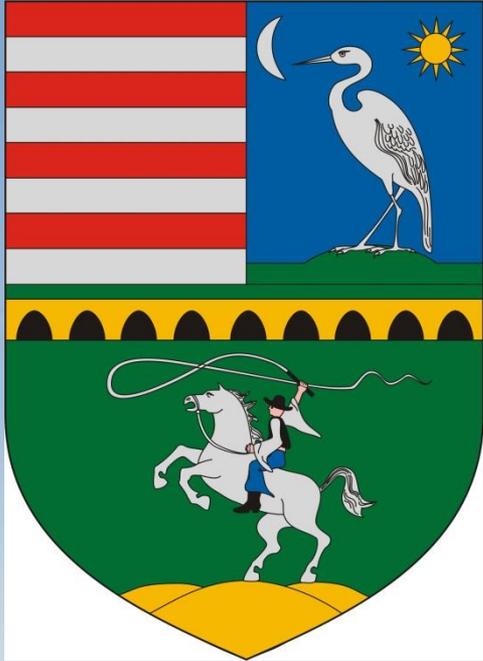
Rowing
on
river
Tisza or Bodrog



may-fly



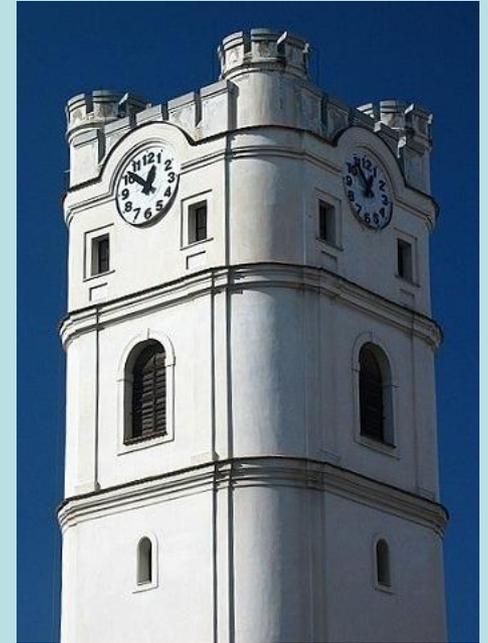
POST-CONGRESS TOUR: Hortobágy



POST-CONGRESS TOUR: Hortobágy



POST-CONGRESS TOUR: Debrecen



POST-CONGRESS TOUR: Nyíregyháza





CCC2017

**31 Aug. – 1 Sept. 2017 Tokaj,
Hungary**

fib.bme.hu/ccc2017.html

YOU ARE KINDLY INVITED TO COME!

I am looking forward to meeting you in Tokaj:



Prof. György L. Balázs, Chairman CCC2017