

LITHUANIA

# *THE RIVER SVENTOJI*

Project „Ecosystem river- approached by observation and experience“

2017, November

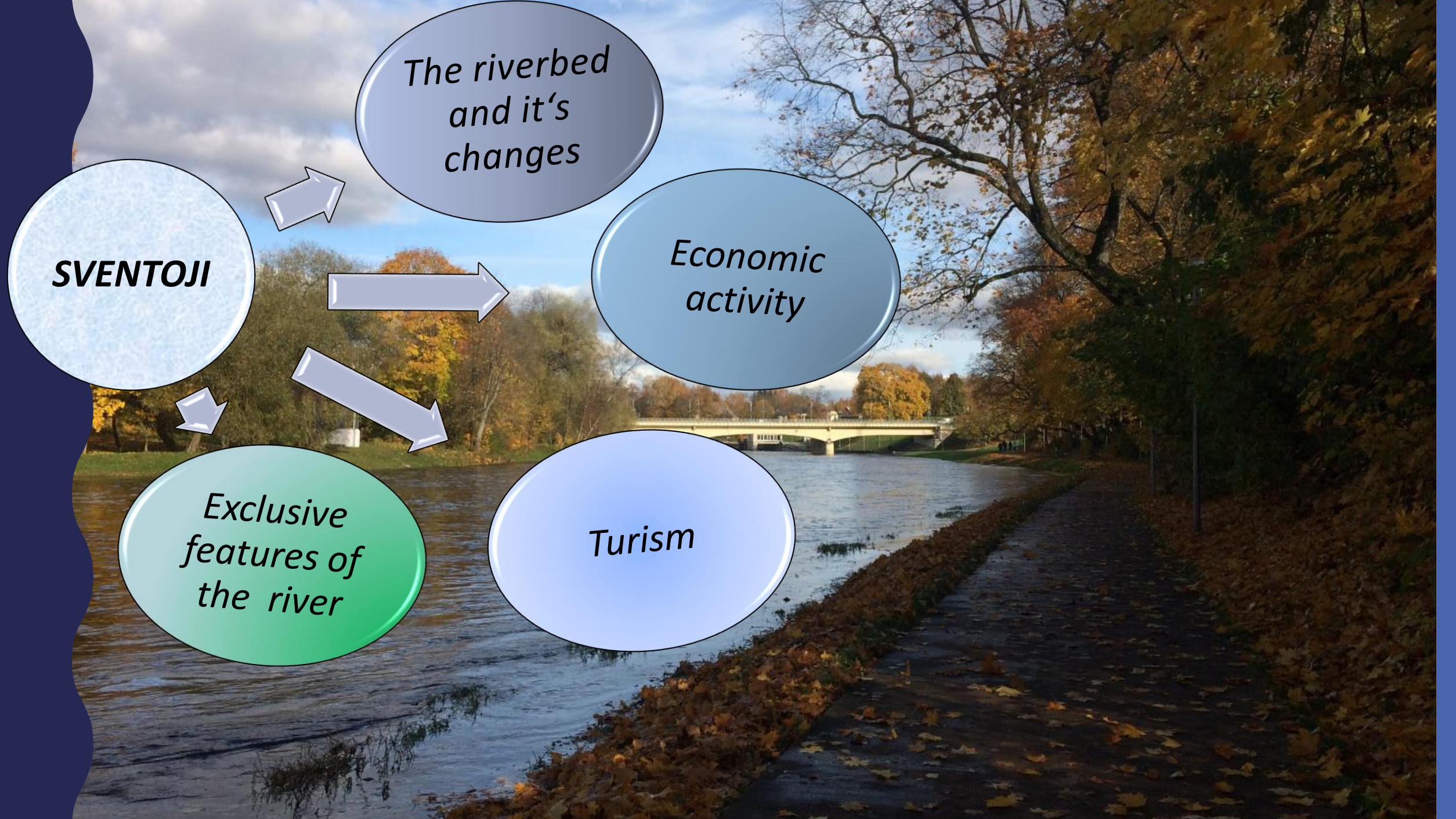
Anyksciai Antanas Baranauskas basic school



Erasmus+







**SVENTOJI**

*The riverbed  
and it's  
changes*

*Economic  
activity*

*Exclusive  
features of  
the river*

*Turism*





Baltic sea



**The largest tributary of the Neris(Nemunas basin)**

# SVENTOJI

**The longest river that flows entirely within Lithuania**



# THE RIVERBED

Mouth – Neris

Main source – lake Samanis

# THE RIVERBED

Width in the downstream  
60–80 m

Length – 246km;

Width of the riverhead  
20–40 m



- Prevailing depth ~1,5 m.
- Basin size – 6888,8km<sup>2</sup>;

Average slope –  
51 cm/km;

# BASIN ENVIRONMENT

**Forests 10%**

**Swamp 16 %**

**Lakes 3 %**





# THE RIVERBED IS CONSTANTLY CHANGING

- The river changes it's bed naturally.
- The river destroys shores and forms new islands.



# ECONOMIC ACTIVITY. WATER MILLS

- Earlier the river water turned the mills.
- There were 14 dams (from 1m to 3,5 m height) .
- People milled flour, built wool cardings and sawmills, the bridges were used to move across the river.



Today only few are left, but mostly remains.



## MILL DAMS' HEIGHTS (METERS)



Not all dams' heights are known

# HYDROELECTRIC POWER PLANTS WORKING TODAY





# ANYKSCIAI HIDROELETRIC POWER PLANT

- Anyksciai dam was built in 1986, near Anyksciai town center.
- Dam's height – 1,6m.
- In 1910 there was built 280 KW hidroelectric power plant on the river Sventoji.



Not working today, only dam left.

# ANTALIEPTE HIDROELECTRIC POWER PLANT

- In 1924 was built 280 KW Antaliepte hidroelectric power plant.
- In 1961-62 m. was built modern derivative mountain type 2620 KW Antaliepte hidroelectric power plant.



Water flooded 800 ha area and connected 26 lakes.



# KAVARSKAS HIDROELECTRIC POWER PLANT

- In 1962 was built 1500 KW Kavarskas hidroelectric power plant.
- In 2002 it was reconstructed.
- Near power plant there was built a fish ladder.



Flooded area 78,3 ha, length 3,8 km, width to 0,5 km, depth reaches 4 m.



# SVENTOJI – RIVER DONOR

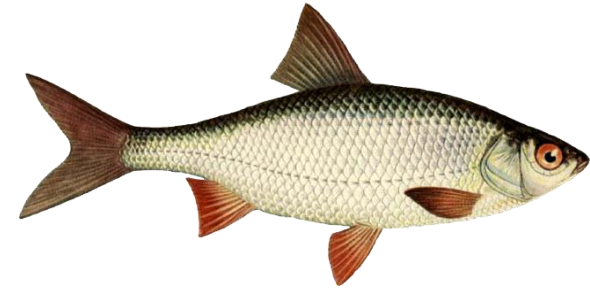
- When Kavarskas dam was built Sventoji became river donor, it feeds the river Nevezis.
- After the growth of industry in Panevezys town, more water was needed, and it was decided to pump water into the river of Panevezys.



The chanel is not working at the moment.



# FISHING



Fishing is a free time activity and work for some people. During last 2 years in the river Sventoji there were bred more than 6000 trouts.

This was done to revitalize the fish population which was 30-40 years ago.

There are different types of fish in the river Sventoji: bass, pike, bream, common roach, common bleak, common rudd.



# WATER TOURISM

Water travel on this river is suitable for the beginner water tourists.

Recommended equipment:

- canoes,
- kayaks,
- inflatable boats,
- rafts,
- catamarans.



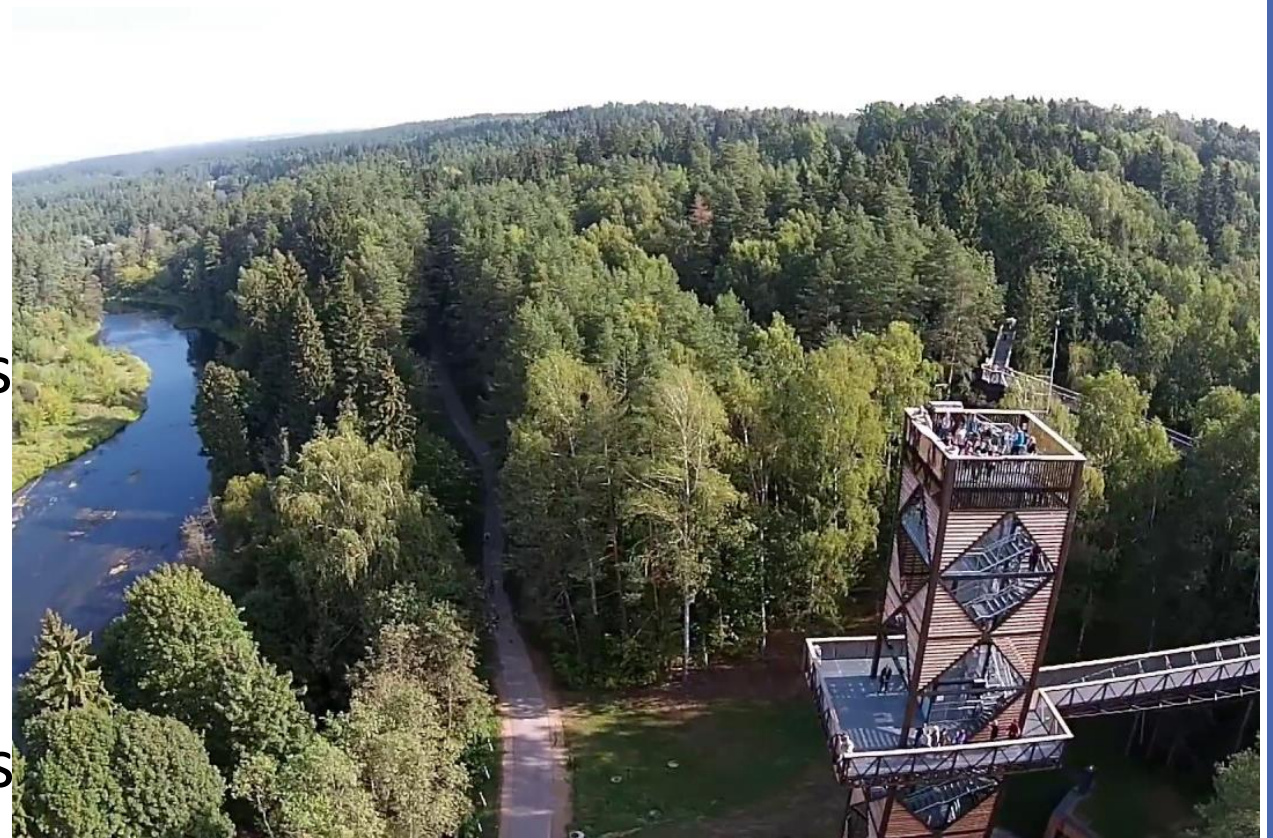
Good route for a multi-day trip.



# EDUCATIONAL TRAILS

You can admire the river Sventoji by walking along the banks and from the tree top path.

The tree top path is situated near Anyksciai. The path over the trees is twitching 300 metres and leads to 35 metres high tower, from there you can get the perfect view of Anyksciai forest, the loops of the River Sventoji and the nearby plains.



# EXCLUSIVE FEATURES OF THE RIVER

- Meanders
- Islands
- Outcrops .

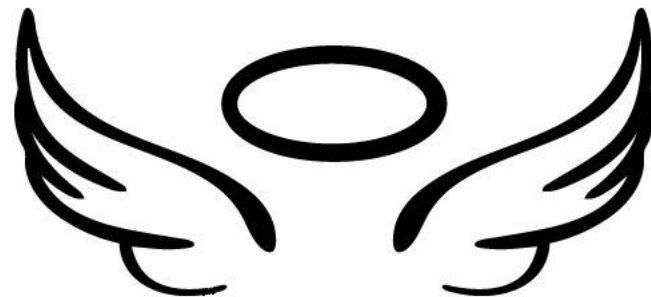




# THE NAME OF THE RIVER

The name of the River Sventoji means „Sacred river“.

It defines river's sacral meaning in the ancient Lithuanian faith.



# LANDSCAPE

- There is a magnificent landscape near the river Sventoji: Anyksciai pine wood, the river loops, wonderful forests and meadows.
- The river flows through 3 regional parks.









Thank you for your attention:)

