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HYDROTECHNICAL HERITAGE ROUTE AS A POTENTIAL DRIVING FORCE FOR DEVELOPMENT OF TOURISM IN LOCAL COMMUNITIES IN THE PROVINCE OF VOJVODINA



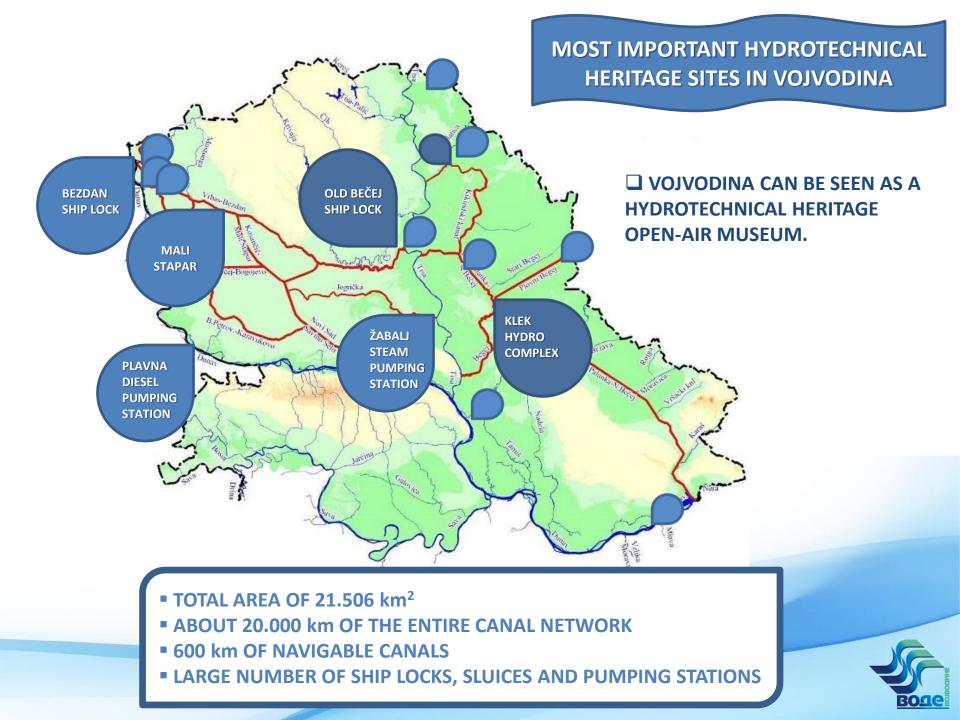


□ FIRST WATER WORKS AT THE BEGINNING OF 18th CENTURY

□ CONSTRUCTION OF THE GRAND BAČKA CANAL 1793 – 1802

CONSTRUCTION OF THE DANUBE-TISA-DANUBE HYDRO SYSTEM 1957 - 1977









GRAND BAČKA KANAL

CONSTRUCTED FROM 1793 TO 1802

PREDECESSOR OF DANUBE-TISA-DANUBE HS

DESIGNED AN BUILT BY KISS BROTHERS

□ IT SHORTENED THE WATERWAY FOR 158 km

THE LARGEST NAVIGABLE CANAL IN EUROPE AT THAT TIME











MALI STAPAR SETTLEMENT

□ IT WAS BUILT AS BASE FOR BUILDERS OF GRAND BAČKA CANAL

OLD MILL FROM THE END OF 18th CENTURY AND RECONSTRUCTED IN 1848

□ SLUICE AND SHIPLOCK FROM 1802

TECHNICAL ADMINISTRATION BUILDING FROM 1898

MONUMENT TO THE GODDESS OF FERTILITY
PANNONIA







□ THE FIRST STRUCTURE IN EUROPE WHICH WAS CONSTRUCTED BY MEANS OF SUBMERSIBLE CONCRETE POURING

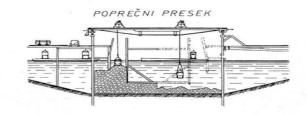
BEZDAN SHIP LOCK

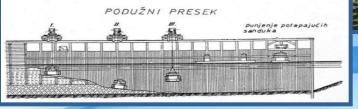


CONSTRUCTED IN 1856 BY JOANES MIHALIK

LOCATED AT THE CONFLUENCE OF VRBAS - BEZDAN CANAL AND DANUBE RIVER

SUBMERSIBLE CONCRETE POURING









□ THE FIRST SHIP LOCK IN EUROPE WHICH USED ITS OWN ELECTRICAL POWER IN ORDER TO RUN ITS ENGINE OLD BEČEJ SHIP LOCK

- IT WAS BUILT FROM 1895 TO 1898 BY THE PROJECT DESIGN OF HEINZ ALBERT
- **IOCATED AT THE CONFLUENCE OF GRAND BAČKA CANAL**
- EXHIBITION WITH A DISPLAY OF THE ORIGINAL PARTS OF THE SHIP LOCK'S TURBINE PLANT WAS OPENED IN THE VICINITY OF THE SHIP LOCK IN 2011





□ IT WAS CONSIDERED AS ONE OF THE FIRST DIESEL PUMPS IN EUROPE WHEN THE STEAM PUMP WAS COMMONLY USED PLAVNA DIESEL PUMPING STATION

- **IT WAS COMPLETED IN 1912 NEAR THE SETTLEMENT OF PLAVNA AT DANUBE RIVER LEFT BANK**
- BUILT IN SECESSION STYLE
- IT HAD TWO ENGINES OF 300 HORSE POWER AND GANZ CENTRIFUGAL PUMPS WITH CAPACITY OF 2 X 2,5 m³/s, WHICH WAS VERY POWERFUL AT THAT TIME





ŽABALJ STEAM PUMPING STATION







KLEK HYDRO-COMPLEX



BUILT IN 1914









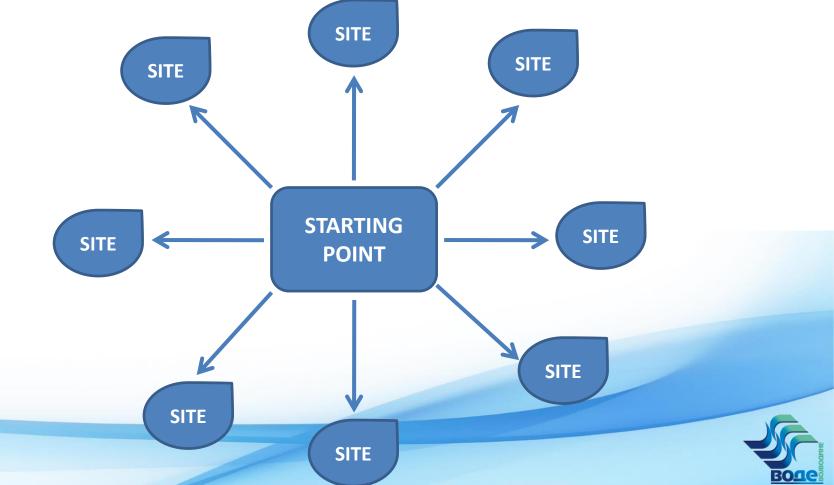
□ AN OPEN AIR MUSEUM INTERSECTED WITH WATER

□ SITES ARE CONNECTED INTO THEMATIC TOURIST ROUTE

□ STARTING POINT OF THE HYDROTECHNICAL ROUTE - WATER MANAGEMENT MUSEUM

ROUTE CONCEPT

REGIONAL STARTING POINTS



CONNECTING THE ROUTE

□ NAVIGABLE CANALS – 600 km

- NAVIGATION MUST BE IMPROVED ON CERTAIN SECTIONS
 - SLUDGE REMOVAL
 - SHIP LOCK REPAIR
 - CONSTRUCTION OF MOORING FACILITIES
 - SIGNALIZATION IMPROVEMENT





COOPERATION - STAKEHOLDERS

COOPERATION BETWEEN ALL RELEVANT STAKEHOLDERS

- WATER MANAGEMENT COMPANIES
- REGIONAL AND LOCAL AUTHORITIES
- TOURISM ORGANIZATIONS
- INSTITUTES FOR THE PROTECTION OF CULTURAL MONUMENTS
- PRIVATE TOURISM COMPANIES
- EUROPEAN INDUSTRIAL HERITAGE NETWORKS
- OTHERS



□ A PROPERTY MANAGED BY THE STATE

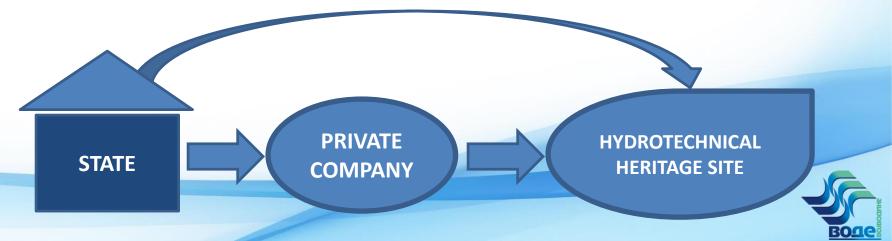
• IT MUST BE IN ACCORDANCE WITH THEIR BASIC PURPOSE AS A PART OF THE WATER MANAGEMENT REGIME

□ ACTIVATION OF THE PRIVATE SECTOR – PUBLIC PRIVATE PARTNERSHIP (PPP)

FUNDING FROM THE PRIVATE SECTOR WITH THE PUBLIC AUTHORITY MANAGING AT CENTRAL LEVEL

• EACH HYDROTECHNICAL HERITAGE SITE COULD BE MANAGED BY A PRIVATE COMPANY - HIGHLY RESPECTING ITS ORIGINAL LOOK AND BASIC PURPOSE

□ ENTIRE HYDROTECHNICAL HERITAGE ROUTE OF VOJVODINA MUST BE MANAGED BY A PUBLIC BODY





- A NEW TOURISM PRODUCT
- PROMOTION OF TOURISM AND CRAFTSMANSHIP
- IMPACT ON IMPROVEMENT OF HOTEL AND RESTAURANT OFFERS
- REVIVAL OF HISTORY FOR A BETTER TOMORROW

 COMMUNITY INVOLMENT IN PROMOTION OF HYDROTECHNICAL HERITAGE SITES AND THE ROUTE IN GENERAL



CRAFTSMANSHIP











DRIVING FORCE

- CONNECTING WITH VISITORS THROUGH CANAL AND ROAD NETWORK
- DEVELOPMENT OF COMPLEMENTARY TOURISM PRODUCTS
- TOURISM INFRASTRUCTURE DEVELOPMENT
- STRENGTHENING THE CULTURAL IDENTITY
- CELEBRATING HYDROTECHNICAL HERITAGE THROUGH THE EVENTS
- STRENGTHENING THE ROUTE





- □ THREE CENTURIES OF VALUABLE EXPERIENCE IN WATER MANAGEMENT DRIVING FORCE
- □ IT IS NECESSARY TO RAISE AWARENESS OF WATER MANAGEMENT THROUGH EDUCATION
- □ HYDROTECHNICAL HERITAGE ROUTE IN VOJVODINA HAS A GREAT TOURISM POTENTIAL
- **COULD IMPROVE ECONOMIC AND DEMOGRAPHIC CONDITIONS**
- □ DRIVING FORCE FOR TOURISM DEVELOPMENT IN LOCAL COMMUNITIES
- **RAISING AWARENESS OF IMPORTANCE OF THE ENTIRE CANAL NETWORK**



