## BRATISLAVA SMART REGION











CONTRACTOR: NOVACO S.R.O.	CONTRACTING AUTHORITY: BRATISLAVA SELF-GOVERNING REGION

THIS PROJECT IS CO-FINANCED FROM THE EUROPEAN STRUCTURAL AND INVESTMENT FUNDS - EUROPEAN SOCIAL FUND

## TABLE OF CONTENT

SMART STRATEGY	- 4 -
SUSTAINABLE MOBILITY	
REGIONAL TRANSPORT AUTHORITY	- 6 -
ELECTROMOBILITY	- 8 -
ENVIRONMENT	
GREEN OFFICE	- 11 -
LOW CARBON STRATEGY	- 13 -
HUMAN RESOURCES	
INNOVATION CLUSTER	- 15 -
TALENT OFFICE	- 17 -
SOCIAL INCLUSION	
SOFTWARE SOLUTION FOR PROVIDED SERVICES	- 20 -
WEB PLATFORM CREATION	- 22 -
DIGITALIZATION OF ASSESSMENT DATA	- 24 -
GOVERNANCE	
EDUCATIONAL PLATFORM	- 27 -
INTERACTIVE MAP	- 28 -
RESEARCH QUESTION PORTAL	- 29 -

BRATISLAVA SMART REGION - 3 -

## **SMART STRATEGY**

THE QUALITY OF PUBLIC ADMINISTRATION AND ITS EFFICIENCY IS THE MOST IMPORTANT CONDITION FOR INTELLIGENT, SUSTAINABLE, AND INCLUSIVE GROWTH.

THE BRATISLAVA SELF-GOVERNING REGION HAS DECIDED TO IMPLEMENT THE "SMART REGION BSK" PROJECT. THE "SMART REGION BSK" PROJECT'S OBJECTIVE IS TO CREATE AN EFFICIENT OPERATING OFFICE THAT PROVIDES ADDRESS, ACCESSIBLE, AND EFFECTIVE SERVICES TO THE CITIZENS OF THE REGION.

THE GLOBAL OBJECTIVE OF THE STRATEGY DOCUMENT IS TO IMPROVE THE LIFE OF THE CITIZENS LIVING IN THE REGION THROUGH OPTIMIZATION OF PUBLIC ADMINISTRATION PROCESSES USING SMART PRINCIPLES.

THE BRATISLAVA SMART REGION STRATEGY CONSISTS OF THE FOLLOWING KEY POLICIES: **SUSTAINABLE** MOBILITY SUSTAINABLE MOBILITY ENVIRONMENT HUMAN RESOURCES **GOVERNANCE ENVIRONMENT**  SOCIAL INCLUSION **BRATISLAVA** GOVERNANCE **SMART REGION** SOCIAL **HUMAN INCLUSION** RESOURCES **BRATISLAVA SMART REGION** 

#### SUSTAINABLE MOBILITY

MOBILITY IN THE BRATISLAVA REGION IS
NOT CURRENTLY PROVIDED IN A
SUSTAINABLE WAY. THE MOST
TRANSPORT CAPACITY IS CARRIED OUT BY
PASSENGER CARS, ESPECIALLY USING
VEHICLES THAT COMBUST FOSSIL FUELS.

IN TERMS OF ENSURING TRANSPORT
SUSTAINABILITY, THE PRIMARY OBJECTIVE
OF THE BRATISLAVA SELF-GOVERNING
REGION IS TO ACHIEVE A 50:50 RATIO OF
INDIVIDUAL CAR TRANSPORT AGAINST
PUBLIC PASSENGER TRANSPORT.

#### **KEY CHALLENGES**

- DEVELOPMENT OF PUBLIC TRANSPORT WITH
   EMPHASIS ON THE DEVELOPMENT OF RAIL TRANSPORT
   AS THE MAINTRANSPORT SYSTEM IN THE TERRITORY
   OF THE AUTONOMOUS REGION AND THE
   DEVELOPMENT OF PUBLIC PASSENGER TRANSPORT IN
   CONNECTION WITH THE ADJACENT REGIONS;
- WEAK ACCESSIBILITY OF RAILWAY CONNECTION, INSUFFICIENT INTERCONNECTION OF CITY TRAM RADIALS WITH PLANNED TRANSFER TERMINALS ON THE RAILWAY:
- INSUFFICIENT PUBLIC TRANSPORT INFRASTRUCTURE (INCLUDING TRANSFERABLE TERMINALS, PUBLIC TRANSPORT STOPS, STATE OF RAILWAY INFRASTRUCTURE):

- AIR POLLUTION GENERATED BY THE TRANSPORT SECTOR;
- HIGH EMISSIONS FROM PASSENGER CAR TRANSPORT:
- HIGH TRAFFIC INTENSITY AT THE ENTRIES TO
   BRATISLAVA AND DISTRICT LOCATIONS IN THE REGION;
- LOW ATTRACTIVENESS OF PUBLIC TRANSPORT (INSUFFICIENT APPLICATION OF TECHNICAL AND OPERATIONAL STANDARDS);
- SHARE OF LOW EMISSION VEHICLES IN PUBLIC TRANSPORT:
- LOW INTENSITY OF PUBLIC TRANSPORT USE;
- INTENSIVE TRANSPORTATION OF GOODS;
- INSUFFICIENT DEVELOPMENT OF CYCLING
   INFRASTRUCTURE:
- NON-PERFORMANCE OF ACTIVITIES AND POSSIBILITIES
   OF INTERMODAL TRANSPORT IN THE REGION.

#### **KEY DATA**

- 139 000 PERSONS COMMUTE DAILY FROM SURROUNDING REGIONS:
- INAPPROPRIATE RATIO OF INDIVIDUAL
   TRANSPORTATION COMPARED TO PUBLIC PASSENGER
   TRANSPORT (73:27);
- II. AND III. CLASS ROADS ACHIEVE DAILY INTENSITY AT 23 000 VEHICLES PER DAY:
- TRANSPORT IS A PRIMARY SOURCE OF AIR POLLUTION
   WITHIN THE REGION;
- CAR TRANSPORT WITHIN THE REGION ACCOUNTS FOR
   40 % OF EMISSIONS PRODUCED BY THE MOBILITY
   SECTOR IN SLOVAKIA;
- THE LOAD RATE OF EXISTING RAILWAY LINES TO THE CITY OF BRATISLAVA'S ENTRY REACHES 80%.







## REGIONAL TRANSPORT AUTHORITY

THE PROPOSED MEASURE AIMS TO
STRENGTHEN THE POSITION OF THE BID
ORGANISATION AS A TRANSPORT
AUTHORITY IN THE PUBLIC PASSENGER
TRANSPORT SYSTEM IN THE BRATISLAVA
REGION. HAVING REGARD TO THE CLEAR
DELEGATION OF TASKS, THE AIM IS TO
INTRODUCE SYSTEMATIC PROCEDURES
AND IMPROVE PUBLIC TRANSPORT
INTEGRATION, INCLUDING CLOSE
COOPERATION BETWEEN IDS BK
STAKEHOLDERS.

#### **GLOBAL GOAL**

IMPROVING THE LIFE OF THE REGION'S
CITIZENS THROUGH OPTIMIZATION
OF PUBLIC ADMINISTRATION PROCESSES
USING SMART PRINCIPLES

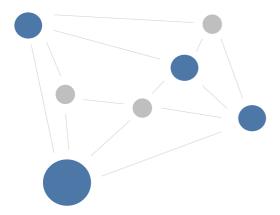
#### STRATEGIC PRIORITIES

- ENSURING SUSTAINABLE MOBILITY FOR ALL RESIDENTS
   IN THE BRATISLAVA REGION;
- IMPROVING ACCESS TO PUBLIC SERVICES IN THE FIELD
   OF SUSTAINABLE MOBILITY;
- EFFICIENT AND COMFORTABLE PUBLIC TRANSPORT;
- LIMITATION OF NEGATIVE IMPACTS OF TRANSPORT ON ENVIRONMENTAL QUALITY:
- COORDINATION BETWEEN DIFFERENT FORMS OF TRANSPORT IN THE REGION:
- IMPROVING THE AWARENESS OF THE REGION'S
   POPULATION ABOUT TRANSPORT ACCESSIBILITY;
- COOPERATION BETWEEN REGIONAL ACTORS IN THE FIELD OF TRANSPORT, STRENGTHENING COOPERATION AT THE NATIONAL LEVEL (RELEVANT MINISTRIES AND RELATED ORGANIZATIONS, AGENCIES);
- INCREASE THE COMPETITIVENESS OF PUBLIC
   TRANSPORT AGAINST INDIVIDUAL CAR TRANSPORT.

BRATISLAVA SMART REGION - 6 -

#### KEY PERFORMANCE INDICATORS

INTRODUCTION OF NEW SERVICE PAYMENT SYSTEMS
OVERALL NUMBER OF MUNICIPALITIES INTEGRATED INTO IDS
NUMBER OF POPULARIZATION ACTIVITIES, PILOT PROJECTS IMPLEMENTED
NUMBER OF PASSENGERS TRANSPORTED
DIVISION OF TRANSPORT BETWEEN INDIVIDUAL CAR TRANSPORT AND PUBLIC TRANSPORT
NUMBER OF DIGITALIZED STOPS
NUMBER OF PUBLIC TRANSPORT STOPS BY TECHNICAL AND OPERATIONAL STANDARDS OF THE IDS BK ORGANISATION
NUMBER OF NEW CARRIER SERVICES INVOLVED IN THE IDS BK ORGANISATION
LAW CHANGE MONITORING
NUMBER OF PARK AND RIDE /P+R/ PARKING PLACES IN CONNECTION TO PUBLIC TRANSPORT
NUMBER OF TRANSFER TERMINALS BUILT



#### TIMETABLE

	MILESTONE	YEAR		
		2023	2024	2025
	ESTABLISHMENT OF REGIONAL TRANSPORT AUTHORITY			x
ORITY	INTEGRATION OF NEW TRANSPORT SYSTEMS INTO IDS BK	x	x	х
REGIONAL TRANSPORT AUTHORITY	MOBILITY AS A SERVICE		x	х
	SMART P+R	x	x	x
	COORDINATION OF MOBILITY PROJECTS IN ACCORDANCE WITH ESTABLISHED STRATEGIC DIRECTION	x	x	x
	E-TICKETING		х	х
	INTEGRATION BETWEEN DIFFERENT TRANSPORT DISPATCHERS OPERATING IN THE TERRITORY			х

#### LIST OF PROJECTS

_
ESTABLISHMENT OF REGIONAL TRANSPORT AUTHORITY
CREATION OF SMART PARK AND RIDE PARKING
E-TICKETING INTEGRATION
TRAFFIC DISPATCH INTEGRATION WITHIN THE REGION
ELECTRONIC AND REAL-TIME PUBLIC TRANSPORT STOP INFORMATION

### **ELECTROMOBILITY**

THE DEVELOPMENT OF ELECTROMOBILITY
IS A PRIORITY FOR THE BRATISLAVA
SELF-GOVERNING REGION, WHICH IS
PRESENT IN EXISTING STRATEGIC
DOCUMENTS AND MATERIALS.

AMONG THE KEY PROJECTS OF MODERN INFRASTRUCTURE IN THE FIELD OF ENERGY ARE NEW CHARGING STATION CONNECTIONS FOR ELECTRIC VEHICLES.

THE PROPOSED POLICY OF THE SMART
STRATEGY FOLLOWS THESE FINDINGS
AND PROVIDES A SOLUTION IN THE FORM
OF BUILDING NEW CHARGING STATIONS
IN CONNECTION TO VARIOUS OFFICE OR
UTILITY BUILDINGS.

ESTABLISHED ORGANIZATIONS AND THEIR BUILDING ARE ALSO PART OF THE BRATISLAVA SELF-GOVERNING REGION INITIATIVE.

#### **GLOBAL GOAL**

IMPROVING THE LIFE OF THE REGION'S
CITIZENS THROUGH OPTIMIZATION
OF PUBLIC ADMINISTRATION PROCESSES
USING SMART PRINCIPLES

#### STRATEGIC PRIORITIES

- ENSURING SUSTAINABLE MOBILITY FOR ALL RESIDENTS
   OF THE BRATISLAVA REGION;
- REDUCING THE CARBON FOOTPRINT OF THE
   BRATISLAVA REGION TO ACHIEVE CARBON NEUTRALITY
   IN THE FIELD OF MOBILITY:
- COORDINATION WITH ORGANIZATIONS IN THE MANAGEMENT SCOPE OF BRATISLAVA
   SELF-GOVERNING REGION IN BUILDING A NETWORK OF CHARGING STATIONS FOR ELECTRIC VEHICLES:
- IMPROVING ACCESS TO PUBLIC SERVICES IN THE FIELD
   OF SUSTAINABLE MOBILITY.

BRATISLAVA SMART REGION - 8 -

#### KEY PERFORMANCE INDICATORS

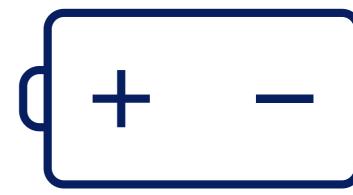
DEVELOPMENT OF THE ACTION PLAN FOR BUILDING CHARGING STATIONS FOR ELECTRIC VEHICLES IN PUBLIC BUILDINGS

NUMBER OF PROJECT DOCUMENTATION PROCESSED (FOR BUILDING THE CHARGING STATION AND REPORTING THE CONSTRUCTION TO THE COMPETENT BUILDING AUTHORITY)

NUMBER OF NEWLY BUILT CHARGING PLACES FOR ELECTRIC VEHICLES (REGIONAL BUILDINGS)

CHARGING STATION CAPACITY

PROMOTING SUSTAINABLE MOBILITY, ORGANIZATION OF SEMINARS AND SUPPORT ACTIVITIES



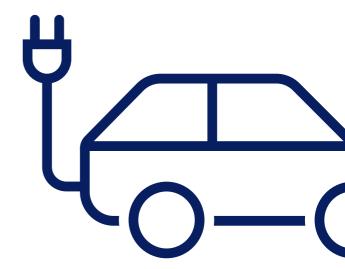
#### TIMETABLE

<b>&gt;</b>	MILESTONE 2023	YEAR			
		2024	2025		
ELECTROMOBILITY	ANALYSIS OF LOCATIONS AND BUILDINGS FOR BUILDING CHARGING STATIONS	x	x		
ELECTR	CONTRACTOR SELECTION		x	x	
	CONSTRUCTION OF CHARGING STATIONS			x	

#### LIST OF PROJECTS

ANALYSIS OF POTENTIAL LOCATIONS AND BUILDINGS FOR BUILDING CHARGING STATIONS

CONTRACTOR SELECTION, WHOSE RESPONSIBILITY WILL BE BUILDING AND OPERATION OF CHARGING STATIONS



#### **ENVIRONMENT**

IN THE CONTEXT OF CLIMATE CHANGE,
THE ENVIRONMENT IS ONE OF THE MOST
IMPORTANT PRIORITIES THAT WE WILL
HAVE TO FACE AS A HUMAN SOCIETY.

SMART STRATEGY OFFERS SOLUTIONS IN
THE CONTEXT AND COMPETENCE
FRAMEWORK OF THE BRATISLAVA
SELF-GOVERNING REGION ON HOW TO
FACE CLIMATE CHANGE PROBLEMS
RESPONSIBLY.

#### **KEY CHALLENGES**

- CHALLENGES IN WASTE MANAGEMENT, HIGH
   MUNICIPAL WASTE PRODUCTION, HIGH LANDFILL USE,
   INSUFFICIENT RECYCLING RATE:
- OBSOLETE STATE AND INSUFFICIENT CAPACITY OF THE PUBLIC SEWERAGE NETWORK AND WASTEWATER TREATMENT PLANTS, MODERNIZATION DEBT OF THE PUBLIC WATER SUPPLY NETWORK:
- THE GROWING SHARE OF THE URBAN POPULATION
   AND THE GROWING RATE OF URBANIZATION;
- AIR POLLUTION FROM THE TRANSPORT SECTOR AND INDUSTRIAL SECTOR;
- HISTORICAL HERITAGE OF ENVIRONMENTAL BURDEN
- NEGATIVE CONSEQUENCES OF CLIMATE CHANGE AND AIR POLLUTION;
- INCREASING ENERGY DEMAND OF PUBLIC BUILDINGS;
- LOW ENVIRONMENTAL AWARENESS;

 RENEWABLE ENERGY USE IS LOW IN BRATISLAVA REGION.

#### **KEY DATA**

- BRATISLAVA REGION IS THE SECOND-LARGEST ANNUAL PRODUCER OF MUNICIPAL WASTE PER POPULATION IN SLOVAKIA (516 KG);
- HIGH LANDFILL USAGE (31%);
- INSUFFICIENT RECYCLING RATE (36%);
- 20 MUNICIPALITIES IN THE REGION DO NOT HAVE
   A CONNECTION TO THE PUBLIC SEWAGE NETWORK;
- HIGH LEVEL OF URBANISATION (82%):
- 39 CONFIRMED ENVIRONMENTAL BURDEN CASES/
   BURDENS, 23 ENVIRONMENTAL BURDENS WITH HIGH
   PRIORITY:
- CAR TRANSPORT WITHIN THE REGION ACCOUNTS FOR 40% OF EMISSIONS PRODUCED BY THE MOBILITY SECTOR IN SLOVAKIA;
- MORE THAN 1/3 OF ALL PUBLIC BUILDINGS OF CENTRAL AUTHORITIES OF THE STATE ADMINISTRATION IN SLOVAKIA ARE LOCATED WITHIN THE TERRITORY OF THE REGION:
- LOW ENERGY EFFICIENCY OF PUBLIC BUILDINGS,
   75% OF PUBLIC BUILDINGS IN THE REGION REQUIRE
   RECONSTRUCTION:
- BRATISLAVA REGION ENERGY CONSUMPTION IS 25%
   OF THE STATE'S TOTAL ENERGY CONSUMPTION IN THE STATE, SIGNIFICANTLY MORE THAN IN OTHER REGIONS IN SLOVAKIA.







## **GREEN OFFICE**

BY 2040, THE OFFICE OF THE BRATISLAVA
SELF-GOVERNING REGION WILL BE
CARBON NEUTRAL.

MANY RATIONALIZATION MEASURES
HAVE BEEN IMPLEMENTED IN THE PAST,
IN TODAY'S STANDARDS THEY COULD BE
CALLED AS GREEN.

"GREEN" MEASURES ARE ALSO TAKING
PLACE TODAY AND MANY MORE ARE
PLANNED IN THE FORESEEABLE FUTURE.

PROPOSED SET OF MEASURES

/ GREEN OFFICE OF THE BRATISLAVA SELFGOVERNING REGION / REFLECTS AND

PROVIDES A DEFINITION OF POLICIES AND

PROCEDURES FOR CARBON NEUTRALITY

REQUIREMENTS.

#### **GLOBAL GOAL**

IMPROVING THE LIFE OF THE REGION'S
CITIZENS THROUGH OPTIMIZATION
OF PUBLIC ADMINISTRATION PROCESSES
USING SMART PRINCIPLES

#### STRATEGIC PRIORITIES

- ENSURING THE OPERATION OF THE BRATISLAVA SELF-GOVERNING REGION OFFICE CONCERNING THE MINIMIZING OF ENVIRONMENTAL IMPACTS;
- REDUCING CARBON FOOTPRINT TO ACHIEVE THE OFFICE'S CARBON NEUTRALITY BY 2040:
- COORDINATION WITH ORGANISATIONS WITHIN THE MANAGING SCOPE TO APPLY GREEN OFFICE MEASURES TO THEIR ACTIVITIES AND PROCESSES;
- IMPROVING ACCESS TO THE PUBLIC SERVICES
   REGARDING ENVIRONMENTAL ISSUES.













#### **KEY PERFORMANCE INDICATORS**

CREATION OF EMISSION INVENTORY FOR OFFICE OF BRATISLAVA SELF-GOVERNING REGION

EMISSION MONITORING

RESULTS REPORTING, INFORMING BASED ON ACTUAL PROGRESS MADE

IMPLEMENTATION OF GREEN PUBLIC PROCUREMENT

NUMBER OF NEW CLIMATE CHANGE MEASURES IMPLEMENTED

NUMBER OF PROJECTS WITH FOCUS ON THE ENVIRONMENT ISSUE

NUMBER OF NEW RENEWABLE ENERGY SOURCES IN THE REGION

AMOUNT OF ALLOCATED FUND CONCERNING GREEN OFFICE

NUMBER OF EDUCATIONAL ACTIVITIES

NUMBER OF IMPLEMENTED SAVINGS MEASURES

**ENERGY REGARDING BUILDING OPERATION** 

NUMBER OF EPC PROJECTS IMPLEMENTED

#### **TIMETABLE**

	MILESTONE	YEAR		
		2023	2024	2025
	EMISSION INVENTORY	x		
	EMISSION MONITORING AND ENERGY MANAGEMENT IMPLEMENTATION	x	x	x
	SETTING THE ANNUAL SHARE OF EMISSION REDUCTION	х	x	х
<u> </u>	VEHICLE FLEET RENEWAL		X	x
GREEN OFFICE	ECOLOGICAL BUSINESS TRAVEL	x	х	х
	EMPLOYEE SUPPORT IN THE USE OF SUSTAINABLE MOBILITY	x	x	x
	PREPARATION OF PROJECT DOCUMENTATION IN THE FRAMEWORK OF CLIMATE CHANGE	x	x	x
	INVOLVEMENT OF ORGANISATIONS WITHIN THE MANAGEMENT SCOPE IN THE GREEN OFFICE INITIATIVE	x	x	x
	ELECTRONISATION OF REGIONAL GOVERNMENT OFFICE AGENDA	x	x	x
	DECLARATION OF THE STATUS OF CLIMATE EMERGENCY BY THE REGIONAL COUNCIL	x		

#### **LIST OF PROJECTS**

EMISSION INVENTORY

EMISSION MONITORING AND ENERGY MANAGEMENT IMPLEMENTATION

**ENERGY PERFORMANCE CONTRACTING** 

INCREASING THE SHARE OF RENEWABLE ENERGY SOURCES IN TOTAL ENERGY CONSUMPTION WITHIN THE REGIONAL SCOPE

VEHICLE FLEET RENEWAL

**ECOLOGICAL BUSINESS TRAVEL** 

GREEN INFRASTRUCTURE PASSPORTIZATION

PREPARATION OF PROJECT DOCUMENTATION IN THE FRAMEWORK OF CLIMATE CHANGE

PROPAGATION OF WASTE SEPARATION, ECOLOGICAL CLEANING DETERGENTS

GREEN PUBLIC PROCUREMENT, GREEN TECHNOLOGY EQUIPMENT

LOCAL FOOD RESOURCES

INVOLVEMENT OF ORGANISATIONS WITHIN THE MANAGEMENT SCOPE IN THE GREEN OFFICE INITIATIVE

ELECTRONISATION OF REGIONAL GOVERNMENT OFFICE AGENDA

DECLARATION OF THE STATUS OF CLIMATE EMERGENCY BY THE REGIONAL COUNCIL

**ČUNOVO ECOCENTRE** 

**EMPLOYEE SUPPORT IN THE USE OF SUSTAINABLE MOBILITY** 

HOME OFFICE

INCENTIVE SCHEME FOR EMPLOYEES AND BUILDING USERS

## LOW CARBON STRATEGY

THE BRATISLAVA SELF-GOVERNING
REGION WILL HOLD AN OVERVIEW OF
EMISSION PRODUCTION IN ITS
TERRITORY. STRATEGY DOCUMENT WILL
BE DEVELOPED ACCORDING TO THE SECAP
EUROPEAN METHODOLOGY.

COMPREHENSIVE STRATEGIC MATERIAL PROVIDES THE BASIS FOR FURTHER MEASURES IMPLEMENTATION TOWARDS LOWER EMISSION PRODUCTION WITHIN THE REGION.

#### **GLOBAL GOAL**

IMPROVING THE LIFE OF THE REGION'S
CITIZENS THROUGH OPTIMIZATION
OF PUBLIC ADMINISTRATION PROCESSES
USING SMART PRINCIPLES



#### **STRATEGIC PRIORITIES**

- ENSURING A QUALITY ENVIRONMENT FOR ALL PEOPLE LIVING IN THE BRATISLAVA REGION;
- RAISING AWARENESS IN THE AREA OF EMISSIONS CO<sub>2</sub>,
   ACROSS ALL ECONOMIC SECTORS;
- EVALUATION OF THE NUMBER OF EMISSIONS ACCORDING TO THE SECTORS ANALYZED;
- IMPLEMENTATION OF MEASURES BASED ON ACTUAL AND TRUSTED DATA;
- DEVELOPING A PLAN IN A EUROPEAN SECAP
   METHODOLOGY SUSTAINABLE ENERGY AND CLIMATE
   ACTION PLAN;
- IMPROVING ACCESS TO THE ENVIRONMENTAL PUBLIC SERVICES.

#### **KEY PERFORMANCE INDICATORS**

EMISSION INVENTORY
EMISSION MONITORING
RESULTS REPORTING, INFORMING BASED ON ACTUAL PROGRESS MADE
NUMBER OF RENEWABLE ENERGY SOURCES WITHIN THE REGION
NEW RENEWABLE ENERGY SOURCES ESTABLISHED WITHIN THE REGION
ACHIEVED EMISSION REDUCTION IN THE REGION

#### **TIMETABLE**

		YEAR		
Z 0 ≿	MILESTONE	2023	2024	2025
OW CARBON STRATEGY	PREPARATION PROCESS FOR LOW CARBON STRATEGY	x		
2	DEVELOPMENT OF LOW CARBON STRATEGY	x	x	

BRATISLAVA SMART REGION - 13 -

#### **HUMAN RESOURCES**

HUMAN RESOURCES ARE AN ESSENTIAL COMPONENT OF THE ECONOMIC MARKET'S CORRECT FUNCTIONING.

THE FOLLOWING CHALLENGES HAVE BEEN IDENTIFIED WITHIN THE CONTEXT OF THE SMART STRATEGY AND HAVE BECOME A PRIORITY FOR THE NEXT PERIOD.

#### **KEY CHALLENGES**

- LOW LEVEL OF COOPERATION AND KNOWLEDGE
   TRANSFER BETWEEN SECONDARY SCHOOLS, ACADEMIC
   AND PRIVATE SECTORS:
- LOW LEVEL OF INTERNATIONALIZATION OF SCIENCE, RESEARCH AND INNOVATION;
- STRUCTURE OF THE CONTENT OF EDUCATION
   CONCERNING THE NEEDS OF THE PRIVATE SECTOR;
- WEAK CONNECTION OF THE EDUCATION SYSTEM TO THE LABOR MARKET;
- INSUFFICIENT SUBSIDY FOR SCIENCE AND RESEARCH SECTOR;
- OUTFLOW OF HUMAN RESOURCES FROM THE REGION;
- HIGH MODERNIZATION DEBT IN SCHOOL
   INFRASTRUCTURE AND MATERIAL AND LACK OF
   TECHNICAL EQUIPMENT AT ALL LEVELS OF EDUCATION.

#### **KEY DATA**

- THE LOWEST SHARE OF STUDENTS IN VOCATIONAL
   EDUCATION AND TRAINING FOR THE LABOUR MARKET
   (69%) IN COMPARISON TO SLOVAK AVERAGE OF (76%);
- 4. LOWEST SHARE OF STUDENTS IN DUAL EDUCATION
   (7.2%);
- LOW PERCENTAGE OF GRADUATES WORKING IN THE STUDENT FIELD OF EDUCATION AFTER SECONDARY SCHOOL IN THE STUDENT FIELD OF EDUCATION (32%) IN COMPARISON TO THE SLOVAKIA AVERAGE OF (36%);
- THE SHARE OF TOTAL SCIENCE AND RESEARCH
   EXPENDITURES IS AT (1,42%) LEVEL OF THE REGION'S
   GDP:
- LOW SHARE OF PRIVATE RESOURCES IN SCIENCE AND RESEARCH (54%) WITHIN THE FRAMEWORK OF THE REGION TO THE AVERAGE SHARE OF SLOVAKIA (60%);
- HIGHEST HIGH SCHOOL GRADUATES LEVELS
   CONTINUED IN STUDY ABROAD (17%) OF GRADUATES
   STUDY WITHIN THE EU.









### **INNOVATION CLUSTER**

BRATISLAVA REGION CONTINUOUSLY
RECORDS AN INCREASE IN THE
POPULATION, MAINLY DUE TO THE
EXISTENCE OF HIGHER SCHOOLS AND
UNIVERSITIES. REGION IS ALSO KNOWN
AS A CENTRE FOR DOMESTIC AND
INTERNATIONAL COMPANIES.

THE REGION IS ABSENTED BY THE
EXISTENCE OF A CENTER TO OVERSEE
EDUCATION, SCIENCE, AND INNOVATION
SECTORS AND CREATE A PLATFORM FOR
THE SYNERGIES OF DIFFERENT SECTORS
OF THE ECONOMY WITH PRESENT
COLLEGES AND UNIVERSITIES.

#### **GLOBAL GOAL**

IMPROVING THE LIFE OF THE REGION'S
CITIZENS THROUGH OPTIMIZATION
OF PUBLIC ADMINISTRATION PROCESSES
USING SMART PRINCIPLES

#### STRATEGIC PRIORITIES

- REDUCING THE OUTFLOW OF QUALIFIED LABOR FORCE;
- REDUCING THE OUTFLOW OF SECONDARY SCHOOL STUDENTS AND UNIVERSITY STUDENTS WITH HIGH POTENTIAL ABROAD;
- IMPROVING CONNECTIONS BETWEEN THE SECTORS OF SCIENCE, EDUCATION, AND INNOVATION WITH THE PRIVATE AND PUBLIC SPHERE:
- SUPPORTING INNOVATIVE BUSINESS AND THE
   COMMERCIAL USE OF RESEARCH AND DEVELOPMENT;
- INCREASING INNOVATIVE PERFORMANCE AND IMPROVING KNOWLEDGE TRANSFER:
- INCREASING THE RATIO OF EXCELLENT SCIENCE AND CREATING AN INNOVATION CLUSTER TO INCREASE THE NUMBER OF INNOVATIVE COMPANIES IN THE REGION, INCREASING THE COOPERATION AND DEVELOPMENT OF THE BRATISLAVA INTERNATIONAL REPUTATION.

#### **KEY PERFORMANCE INDICATORS**

INCREASE IN INVESTMENT THROUGH HORIZON EUROPE

NUMBER OF NEW COMPANIES WITH EMPLOYMENT SUPPORT

NUMBER OF IMPLEMENTED JOINT PROJECTS DEFINED IN PARTNERSHIP COUNCIL IN KEY DOMAINS DEFINED IN THE RIS STRATEGY

NUMBER OF FOREIGN RESEARCHERS

NUMBER OF NEW INNOVATIVE COMPANIES IN KEY AREAS

NUMBER OF EXISTING INTERNATIONAL COMPANIES IN KEY AREAS

NUMBER OF STUDENTS THAT LEFT THE SYSTEM (NUMBER OF STUDENTS WHO LEFT ABROAD COMPARED TO TOTAL STUDENTS)

BRATISLAVA SMART REGION - 15 -

#### TIMETABLE

~	MILESTONE	YEAR		
CLUSTE	MILESTONE	2023	2024	2025
INNOVATION CLUSTER	ESTABLISHMENT OF AN MUTUAL INTEREST ASSOCIATION OR OTHER LEGAL FORM	x		
Z	IDENTIFICATION OF CORE FOCUS AREAS	х	х	

#### LIST OF PROJECTS

ESTABLISHMENT OF A MUTUAL INTEREST ASSOCIATION OR OTHER LEGAL FORM

SCALE-UP SUPPORT FOR YOUNG INNOVATIVE COMPANIES

BUILDING PARTNERSHIPS WITHIN THE BRATISLAVA REGION

PROVIDING CONSULTATION SERVICES

**EDUCATIONAL ACTIVITIES** 

PROVIDING OFFICE SPACE

PROMOTING CORPORATE SOCIAL RESPONSIBILITY

LINKING AND PROVIDING PRIVATE CAPITAL FOR INVESTMENTS

CO-CREATION OF AN OPEN INNOVATIVE ECOSYSTEM

PROMOTION OF THE INNOVATION CLUSTER AND ITS ACTIVITIES



## **TALENT OFFICE**

THE HEAD-HUNTING DEPARTMENT'S ROLE IS TO SEARCH FOR TALENTS FROM THE PRIMARY, SECONDARY, AND UNIVERSITY ENVIRONMENTS AND ESTABLISH THE STUDENTS' COOPERATION WITH THE PRIVATE SECTOR.

STUDENT POTENTIAL WILL BE VALUED IN COLLABORATION WITH SCHOOL FACILITIES, WITH A FOCUS ON THE NEEDS OF EMPLOYERS IN THE REGION.
THE TALENT OFFICE WILL MONITOR TRENDS IN REGIONAL EDUCATION, THE LABOR MARKET AND WILL DISSEMINATE INFORMATION ABOUT EDUCATIONAL AND CAREER OPPORTUNITIES TO STUDENTS AND THEIR FAMILY MEMBERS.

THE TALENT OFFICE WILL ALSO MONITOR
THE NEEDS OF EMPLOYERS THROUGH
MEETINGS WITH COMPANY
REPRESENTATIVES.

#### **GLOBAL GOAL**

IMPROVING THE LIFE OF THE REGION'S
CITIZENS THROUGH OPTIMIZATION
OF PUBLIC ADMINISTRATION PROCESSES
USING SMART PRINCIPLES

#### **STRATEGIC PRIORITIES**

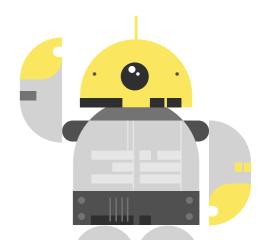
- REDUCTION OF THE OUTFLOW OF QUALIFIED LABOR
   FORCE FROM THE BRATISLAVA REGION;
- REDUCING THE OUTFLOW OF STUDENTS FROM
   PRIMARY, SECONDARY AND UNIVERSITY LEVELS WITH
   POTENTIAL ABROAD;
- TRANSFERING THE NEED OF THE MARKET TO THE EDUCATIONAL PROCESS WITHIN THE REGION.

#### **KEY PERFORMANCE INDICATORS**

NUMBER OF "TALENT OFFICES CREATED"

NUMBER OF STUDENTS THAT GET JOB OFFER IN CONNECTION TO TALENT OFFICE

NUMBER OF STUDENTS WHO ACCEPTED JOB OFFERS IN CONNECTION TO TALENT OFFICE



#### TIMETABLE

FFICE	MILESTONE	YEAR			
		2023	2024	2025	
TALENT OFFICE	TALENT OFFICE ESTABLISHMENT (PILOT OPERATION)	x			
	TALENT OFFICE (FULL OPERATION)			x	

#### **LIST OF PROJECTS**

TALENT OFFICE ESTABLISHMENT

LABOR MARKET MONITORING

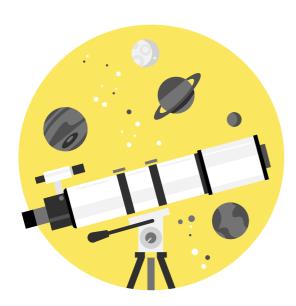
(REPORT PROCESSING AT REGULAR INTERVALS)

IMPLEMENTATION OF CAREER COUNSELING AT SCHOOLS WITHIN THE REGION

METHODOLOGICAL EDUCATION AND SUPPORT OF STUDENT ADVISERS IN SCHOOLS

EVENT ORGANIZATION AND EXCURSION PREPARATION

CREATING A POTENTIAL EMPLOYER'S DATABASE
(CREATION OF A SOFTWARE SOLUTION FOR ONLINE STUDENT PROFILES)





**BRATISLAVA SMART REGION** 

#### **SOCIAL INCLUSION**

SOCIAL SERVICES SUPPORT CITIZENS'
SOCIAL INCLUSION AND MEET THE SOCIAL
NEEDS OF PEOPLE IN ADVERSE SOCIAL
SITUATIONS.

SENIORS, HOMELESS PEOPLE, CHILDREN,
YOUNG PEOPLE, LOW INCOME GROUPS,
FOREIGNERS, AND ROMA ARE THE PEOPLE
MOST AT RISK OF SOCIAL EXCLUSION IN
THE COUNTRY.

PERSONS WITH HEALTH DISABILITIES OR DRUG ADDICTION ARE ALSO SUBJECTED TO SOCIAL EXCLUSION IN ADDITION TO THE MENTIONED GROUPS ABOVE.

#### **KEY CHALLENGES**

- ADVERSE DEMOGRAPHIC DEVELOPMENT;
- POPULATION INCREASE IS A HIGH ENTITLEMENT TO THE ASSURANCE OF SOCIAL SERVICES;
- INSUFFICIENT NUMBER AND CAPACITY OF COMMUNITY SOCIAL SERVICES;
- UNEQUAL DISTRIBUTION OF SERVICES IN THE REGION;
- A HIGH NUMBER OF PEOPLE WITHOUT HOME:
- LACK OF JOB OPPORTUNITIES FOR HOMELESS PEOPLE
   AND PEOPLE WITH DISABILITIES;
- o LANGUAGE AND CULTURAL BARRIERS FOR FOREIGNERS;
- HIGH MODERNIZATION DEBTS IN SOCIAL SERVICES
   INFRASTRUCTURE;
- INSUFFICIENT NUMBER OF WORKERS IN SOCIAL SERVICES FACILITIES;

- INADEQUATE WAGE EVALUATION FOR WORKERS;
- HIGH REAL ESTATE COSTS IN THE REGION;
- WAGE AND INCOME INEQUALITIES;
- LOW LEVEL OF DIGITALIZATION IN THE FIELD
   OF SOCIAL SERVICES:
- INSUFFICIENT TRANSPARENCY ABOUT ACCESSIBILITY OF SOCIAL SERVICES FACILITIES:
- INSUFFICIENT DEMAND PLANNING FOR NEEDED CAPACITY
   BASED ON PRESENT DIAGNOSIS AND DISEASES.

#### **KEY DATA**

- BRATISLAVA SELF-GOVERNING REGION IS THE FOUNDER
   OF 14 SOCIAL SERVICES PROVIDERS;
- SOCIAL SERVICES FACILITIES HAVE A CAPACITY
   OF 1 400:
- INCREASE IN THE NUMBER OF PEOPLE LIVING IN THE REGION, MOSTLY AFTER STATEWIDE POPULATION COUNT IN 2011 TO 669 592 PEOPLE:
- THE AVERAGE ANNUAL POPULATION GROWTH IN THE REGION IS APPROXIMATELY 7,200 PER YEAR;
- INCREASING NUMBER OF PEOPLE DEPENDING ON SOCIAL ASSISTANCE;
- PREDICTED POPULATION GROWTH IN 80+ CATEGORY (BY 10%) IN 2035;
- THE POPULATION OVER 65 YEARS IS GROWING (THE GROWING INDEX OF THE POPULATION WAS 97.7 IN 2018);
- IN 2030, THERE WILL BE APPROXIMATELY 160 775 PEOPLE
   RELIANT ON HELP FROM OTHERS.





# SOFTWARE SOLUTION FOR PROVIDED SERVICES

THE AMBITION OF THE PROPOSED

SOFTWARE SYSTEM WILL BE THE DIGITAL

MANAGEMENT AND DOCUMENTATION OF

EXECUTED TASKS. IMPLEMENTED

SOFTWARE WILL MANAGE CONTRACTUAL,

DIAGNOSTICAL, METHODOLOGICAL, AND

PERFORMANCE RELATIONS WITH

COMPREHENSIVE REPORTS ON SOCIAL

SERVICES PROVIDED.

IN ADDITION TO THE MAIN PLANNED
ACTIVITIES, COMES THE CREATION OF
STANDARDS OF WORKING PROCEDURES
AND MANAGEMENT OF SOCIAL CARE
PERFORMANCE.

ELECTRONIC COMMUNICATION WILL BE
BASED ON THE CLIENT / SERVER
ARCHITECTURE, RESPECTIVELY INTRANET.

#### **GLOBAL GOAL**

IMPROVING THE LIFE OF THE REGION'S
CITIZENS THROUGH OPTIMIZATION
OF PUBLIC ADMINISTRATION PROCESSES
USING SMART PRINCIPLES

#### **STRATEGIC PRIORITIES**

- INCREASING THE EFFICIENCY AND QUALITY OF THE PROVIDED SOCIAL SERVICES IN THE REGION;
- IMPROVING HUMAN RESOURCES MANAGEMENT;
- WORKFLOW ORGANISATION IN SOCIAL SERVICES FACILITIES;
- IMPROVING SOCIAL SERVICES PROVIDED TO RECIPIENTS OF SOCIAL SERVICES:
- IMPROVING PLANNING AND NEW CAPACITY CREATION
   IN SOCIAL SERVICES FACILITIES.

BRATISLAVA SMART REGION - 20 -

#### **KEY PERFORMANCE INDICATORS**

NUMBER OF ORGANISATIONS WITHIN THE REGION WITH IMPLEMENTED SOFTWARE SOLUTIONS IN REGARD TO PROVIDED SOCIAL SERVICES

NUMBER OF SOCIAL SERVICES RECIPIENTS, WITH ESTABLISHED "PERSONAL PROFILE"

PERCENTAGE OF EMPLOYEES WORKING WITH THE SOFTWARE SOLUTION FOR PROVIDED SERVICES

#### **TIMETABLE**

	MILESTONE	YEAR		
		2023	2024	2025
	DATA COLLECTION	x	x	
SERVICES	PUBLIC PROCUREMENT	x		
PROVIDED	CREATION OF IN-HOUSE INTRANET NETWORK	x	x	
SOFTWARE SOLUTION FOR PROVIDED SERVICES	PERFORMING AN AUDIT OF INFORMATION AND COMMUNICATION TECHNOLOGIES		x	
WARE SOL	EQUIPMENT PURCHASE		x	
SOFT	CREATION OF WEB APPLICATION		x	x
	PROMOTION OF SOFTWARE SOLUTION	x	x	
	EMPLOYEE TRAINING IN REGARD TO SOFTWARE USE		x	x

#### **LIST OF PROJECTS**

INTRANET NETWORK CREATION

PURCHASE OF INFORMATION AND COMMUNICATION TECHNOLOGIES BASED ON PLANNED AUDIT

CREATION OF WEB APPLICATION

EMPLOYEE TRAINING IN REGARD TO SOFTWARE USE



## WEB PLATFORM CREATION

INTERACTIVE MAP WHICH USERS WILL BE ABLE TO SELECT, BASED ON PREDETERMINED INDICATORS, INDIVIDUAL SOCIAL SERVICES ORGANISATIONS, WHICH SIGNIFICANTLY IMPROVES USER COMFORT.

POTENTIAL BENEFICIARIES AND THEIR
FAMILY MEMBERS, GUARDIANS, OR
TRUSTEIGNERS WILL HAVE AN OVERVIEW
OF THE SOCIAL SERVICES ORGANISATIONS
IN THE BRATISLAVA SELF-GOVERNING
REGION.

THE TOOL WILL OFFER A USER-FRIENDLY
INTERFACE, IN PARTICULAR FOR THE
SUMMARIZATION OF BASIC
INFORMATION ABOUT SOCIAL SERVICES
FACILITIES, ON A SINGLE PLATFORM, IN
THE FORM OF A VISUALLY FRIENDLY
TOOL.

TOGETHER WITH THE INFORMATION THE TOOL WILL OFFER A GUIDE FOR POTENTIAL BENEFICIARIES ON HOW TO APPLY TO THE FACILITY.

FROM BRATISLAVA SELF-GOVERNING
REGION OFFICE PERSPECTIVE THIS WILL BE
A FUNCTIONAL INTERACTIVE AND
AUXILIARY PLANNING TOOL THAT WILL
SERVE AS ONE OF MANY TOOLS FOR
PROVIDING ADDRESSED SOCIAL SERVICES
WITHIN THE REGION.

#### **GLOBAL GOAL**

IMPROVING THE LIFE OF THE REGION'S
CITIZENS THROUGH OPTIMIZATION
OF PUBLIC ADMINISTRATION PROCESSES
USING SMART PRINCIPLES

BRATISLAVA SMART REGION - 22 -

#### **STRATEGIC PRIORITIES**

- INCREASING THE EFFICIENCY AND QUALITY OF THE PROVIDED SOCIAL SERVICES IN THE REGION;
- IMPROVING THE TRANSPARENCY OF EXISTING SOCIAL SERVICES PROVIDERS WITHIN THE REGION;
- IMPROVING NEW CAPACITY PLANNING;
- SIMPLIFYING ACCESS TO INFORMATION FOR
   POTENTIAL INTERESTED PARTIES IN THE PROVISION OF
   SOCIAL SERVICES, THEIR FAMILY MEMBERS,
   CONFIDENTIALS OR GUARDIANS, AND THE PUBLIC;
- IMPROVING THE HUMAN RESOURCES MANAGEMENT AND WORKFLOW ORGANIZATION;
- IMPROVING THE PROVISION OF SOCIAL SERVICES FOR RECIPIENTS WITHIN THE REGION.

#### **KEY PERFORMANCE INDICATORS**

INTERACTIVE MAP WEBSITE VISITORS

NUMBER OF INTERESTED PARTIES IN THE PROVISION OF SOCIAL SERVICES THROUGH THE ONLINE APPLICATION FORM

#### **TIMETABLE**

WEB PLATFORM CREATION	MILESTONE	YEAR		
		2023	2024	2025
	DATA COLLECTION	x		
	PUBLIC PROCUREMENT PROCESS	x		
	WEBSITE CREATION / INTEGRATION WITHIN THE EXISTING PORTAL OF THE SELF- GOVERNING REGION	x		
	INTERACTIVE MAP CREATION	x		
	INTERACTIVE MAP PROPAGATION		x	
	HUMAN RESOURCES NEEDED FOR MAKING THE INTERACTIVE MAP USABLE		х	

#### **LIST OF PROJECTS**

WEBSITE CREATION / INTEGRATION WITHIN THE EXISTING PORTAL OF THE SELF-GOVERNING REGION

INTERACTIVE MAP CREATION

INTERACTIVE MAP PROPAGATION



## DIGITALIZATION OF ASSESMENT DATA

THE DIGITALIZATION OF ASSESSMENT DATA WILL ASSIST IN PREDICTING AND FORECASTING FUTURE CAPACITY IN SOCIAL SERVICES FACILITIES.

THE PROPOSED MEASURE AIMS TO CREATE A SOFTWARE PROGRAM THAT MAPS THE SELECTED DATA ON SOCIAL SERVICES APPLICANTS.

SPECIFIC DATA IDENTIFYING A SPECIFIC SOCIAL SERVICES APPLICANT WILL NOT BE RECORDED.

DATA IN THE PROGRAM WILL BE
RECORDED BY A DELEGATED DEPARTMENT
EMPLOYEE OR AUTHORIZED EMPLOYEE.

#### **GLOBAL GOAL**

IMPROVING THE LIFE OF THE REGION'S
CITIZENS THROUGH OPTIMIZATION
OF PUBLIC ADMINISTRATION PROCESSES
USING SMART PRINCIPLES

#### **STRATEGIC PRIORITIES**

- INCREASING THE EFFICIENCY AND QUALITY OF THE PROVIDED SOCIAL SERVICES IN THE REGION;
- IMPROVING THE MANAGEMENT OF HUMAN
   RESOURCES AND THE ORGANIZATION OF THE WORK
   OF EMPLOYEES IN SOCIAL SERVICES FACILITIES;
- IMPROVING THE QUALITY OF SOCIAL SERVICES
   PROVIDED:
- IMPROVING THE AWARENESS OF FAMILY MEMBERS,
   THE TRUSTEE CONFIDENTIALS, ABOUT THE CURRENT
   STATUS OF BENEFICIARIES.

BRATISLAVA SMART REGION - 24 -

#### **KEY PERFORMANCE INDICATORS**

NUMBER OF DIGITALIZED ASSESSMENTS - NEWLY RECEIVED

NUMBER OF DIGITALIZED ASSESSMENTS - ALREADY EXISTING IN THE LAST 5 YEARS

#### **LIST OF PROJECTS**

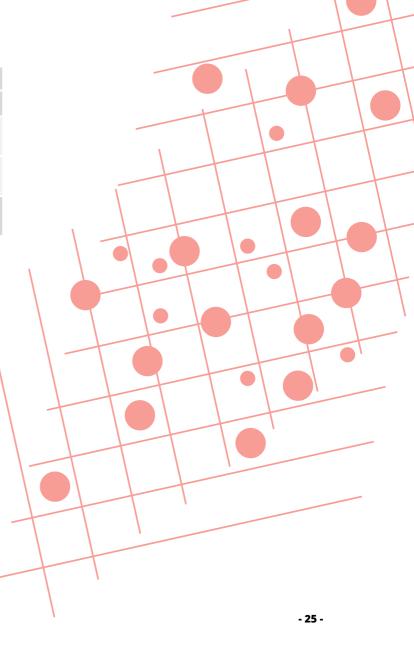
CREATION / PURCHASE OF A TOOL (SOFTWARE SOLUTION) FOR RECORDING ASSESSMENT DATA

CONTINUOUS RECORDING OF UPDATED ASSESSMENT DATA

RETROSPECTIVE RECORDING OF ASSESSMENT DATA FROM 2017 - 2021

#### TIMETABLE

DIGITALIZATION OF ASSESMENT DATA	MILESTONE	YEAR		
		2023	2024	2025
	SECURING HUMAN RESOURCES FOR NEW WORK AGREEMENT	x		
	SOFTWARE SOLUTION ASSECURATION	x		
	DIGITALIZATION PROCESS		x	x



#### **GOVERNANCE**

PUBLIC ADMINISTRATION PERFORMS
THROUGH LAWS A NUMBER OF ACTIVITIES
SERVED TO MEET SOCIAL NEEDS.

FACTORS THAT WILL MAKE THE PROCESS AND WORK OF THE ENTIRE SYSTEM EFFECTIVE, FOR EXAMPLE, USING SMART SOLUTIONS, MAY HAVE A POSITIVE IMPACT ON PUBLIC ADMINISTRATION. INSUFFICIENT COMMUNICATION AND COLLABORATION FOLLOWING THE ELECTRONIZATION OF SERVICES IN PUBLIC ADMINISTRATION IS ONE OF THE MOST DOUBTFUL AREAS.

#### **KEY CHALLENGES**

- INSTITUTIONAL COOPERATION, INCLUDING THE EXCHANGE OF EXPERIENCE AND INFORMATION BETWEEN THE INSTITUTIONS;
- USE OF PARTICIPATIVE PROCEDURES FOR PUBLIC
   POLICY-MAKING, AS WELL AS THE NEED FOR BUILDING
   EFFECTIVE PARTNERSHIP;
- QUALITY OF SERVICES PROVIDED BY THE REGIONAL GOVERNMENT OFFICE AND RELATED ORGANIZATIONS;
- NUMBER OF APPLICANTS FOR JOBS IN PUBLIC ADMINISTRATION SECTOR;
- SUPPORT FOR TEAMWORK AND COLLABORATION OF BRATISLAVA SELF-GOVERNING REGION EMPLOYEES;

- DATA ACCESS TO KEY DEVELOPMENTS AND SUPPORT FOR RESEARCH ACTIVITIES;
- DIGITALIZATION OF PUBLIC ADMINISTRATION IN ORDER TO REDUCE ADMINISTRATIVE BURDEN;
- GOVERNANCE MANAGEMENT ON THE PRINCIPLE OF PARTNERSHIP AND DATA INCLUDING THE STRATEGIC PACKAGE IN THE FIELD OF ELECTRONIZATION AND DIGITALIZATION OF PUBLIC SERVICES AND SUPPORT IN THE FIELD OF "BIG DATA" PUBLICATION;
- IMPLEMENTATION OF INTELLIGENT SOLUTIONS FOR REGIONAL ADMINISTRATION AND LOCAL ADMINISTRATION;
- ADAPTATION FOR INCREASING COMMUNICATION
   INFRASTRUCTURE CAPACITIES:
- COMMUNICATION BETWEEN THE LOCAL GOVERNMENTS WITHIN THE REGION;
- BACHELOR AND DIPLOMA THESES DO NOT REFLECT
   THE CHALLENGES AND NEEDS OF LOCAL AND
   REGIONAL SELF-GOVERNMENT;
- WORK CONTACTS ARE LINKED TO SPECIFIC WORKERS,
   CONTINUITY OF COOPERATION IN INFORMATION
   EXCHANGE IS NOT ENSURED.

#### **KEY DATA**

- SLOVAKIA BELONGS TO COUNTRIES WITH HIGH LEVEL
   OF ELECTRONIZATION OF PUBLIC SPHERE
   (UNITED NATIONS E-GOVERNMENT SURVEY 2020);
- E-GOVERNMENT DEVELOPMENT INDEX (EGDI)
   (48. RANK OUT OF 193 UN MEMBER STATES IN YEAR 2020);
- E-PARTICIPATION INDEX (EPI) 0,7024
   (70. RANK OUT OF 193 COUNTRIES IN YEAR 2020).







### **EDUCATIONAL PLATFORM**

PUBLIC SERVICE MANAGEMENT
EFFICIENCY REQUIRES NOT ONLY
RELIABLE HUMAN RESOURCES BUT ALSO
KOMPLEX TOOLS FOR ELECTRONIC
COMMUNICATION.

SMART MANAGEMENT SOLUTIONS CAN INCREASE THE REGION'S COMMUNICATION EFFICIENCY AS WELL AS PROMOTE EXAMPLES OF GOOD PRACTICES IMPLEMENTED WITHIN THE REGION'S SELF-GOVERNING AUTHORITIES.

#### **GLOBAL GOAL**

IMPROVING THE LIFE OF THE REGION'S
CITIZENS THROUGH OPTIMIZATION
OF PUBLIC ADMINISTRATION PROCESSES
USING SMART PRINCIPLES

#### **STRATEGIC PRIORITIES**

- INCREASING THE EFFICIENCY OF COMMUNICATION OF THE OFFICE OF THE BRATISLAVA SELF-GOVERNING REGION;
- PROMOTION OF EXAMPLES OF GOOD PRACTICE
   IMPLEMENTED IN THE REGION;
- CREATE A TOOL TO MOTIVATE MUNICIPALITIES WITHIN THE REGION TO IMPLEMENT GOOD PRACTICE SOLUTIONS;
- STRONG POLITICAL SUPPORT FOR ADDRESSING THE REGION'S PROBLEMS.

#### **KEY PERFORMANCE INDICATORS**

NUMBER OF REGIONAL MUNICIPALITIES INVOLVED IN THE ONLINE EDUCATIONAL PLATFORM

NUMBER OF CONTRIBUTIONS WITH REGARD TO IMPLEMENTED SMART MEASURES SHARED BY THE MUNICIPALITIES OF THE BRATISLAVA REGION

NUMBER OF ONLINE EDUCATION PLATFORM VISITORS

#### TIMETABLE

EDUCATIONAL PLATFORM	MILESTONE	YEAR		
		2023	2024	2025
	PUBLIC PROCUREMENT	x		
	EDUCATIONAL PLATFORM CREATION	x		
	EDUCATIONAL PLATFORM OPERATION	х	х	x

BRATISLAVA SMART REGION - 27 -

### INTERACTIVE MAP

THE BRATISLAVA SELF-GOVERNING
REGION COMMUNICATES WITH A
NUMBER OF INSTITUTIONS DAILY. THE
LIST OF CONTACTS AND TYPE OF DATA
COLLECTED IS MISSING IN CASE OF
EMPLOYEE CHANGE.

AN INTERACTIVE MAP WITH DATA ABOUT RELEVANT INSTITUTIONS WILL SIMPLIFY WORKFLOW FOR ALL AND MOSTLY NEW INTERNAL EMPLOYEES OF THE BRATISLAVA SELF-GOVERNING REGION.

THE DATA IN THE MAP WILL BE
REWRITABLE BY ADMINISTRATORS
AVAILABLE TO ALL STAFF OF THE
REGIONAL OFFICE. THE AVAILABLE DATA
WILL BE INDEPENDENT IN CASE OF
EMPLOYEE DEPARTURE FROM THE
ORGANIZATION.

#### **GLOBAL GOAL**

IMPROVING THE LIFE OF THE REGION'S
CITIZENS THROUGH OPTIMIZATION
OF PUBLIC ADMINISTRATION PROCESSES
USING SMART PRINCIPLES

#### STRATEGIC PRIORITIES

- INCREASING THE EFFICIENCY OF COMMUNICATION OF THE OFFICE OF THE BRATISLAVA SELF-GOVERNING REGION;
- ADDRESSING SUPPORT TO PROBLEMATIC AREAS
   WITHIN THE BRATISLAVA SELF-GOVERNING REGION.

#### **KEY PERFORMANCE INDICATORS**

NUMBER OF CREATED INTERACTIVE MAPS

NUMBER OF INVOLVED DEPARTMENTS OF THE OFFICE OF THE BRATISLAVA SELF-GOVERNING REGION

#### TIMETABLE

INTERACTIVE MAP	MILESTONE	YEAR		
		2023	2024	2025
	PUBLIC PROCUREMENT PROCESS	x		
	INTERACTIVE MAP CREATION	х		

BRATISLAVA SMART REGION - 28 -

## RESEARCH QUESTIONS PORTAL

THE BRATISLAVA SELF-GOVERNING
REGION HAS AMBITION TO SOLVE A
NUMBER OF RESEARCH ISSUES THAT
DIRECTLY AFFECT AREAS IN THE
COMPETENCE FRAMEWORK OF THE
REGIONAL AUTHORITY, WHETHER IT IS
THE QUESTION OF OWN BUILDING
RENEWAL, SURROUNDING AREAS
RENEWAL, ADMINISTRATIVE MATTERS OR
OTHER CURRENT TOPICS AFFECTING THE
WORK OF THE OFFICE.

BY PUBLISHING RESEARCH ISSUES THAT
CAN BE ADDRESSED IN THE FINAL
BACHELOR OR DIPLOMA THESIS, A
SIGNIFICANT INTERCONNECTION
BETWEEN THE REGION AND A SCIENTIFIC
AND RESEARCH AREA WOULD BE
ACHIEVED. THIS RELATIONSHIP CAN BE
FURTHER SUPPORTED WITHIN THE
PLANNED INNOVATION CLUSTER.

#### **GLOBAL GOAL**

IMPROVING THE LIFE OF THE REGION'S
CITIZENS THROUGH OPTIMIZATION
OF PUBLIC ADMINISTRATION PROCESSES
USING SMART PRINCIPLES

#### STRATEGIC PRIORITIES

- SUPPORT FOR SOLUTIONS TO THE PROBLEM AREAS OF THE BRATISLAVA REGION;
- PROMOTION OF PROJECT IMPLEMENTATION IN THE BRATISLAVA REGION;
- INCREASING THE MOTIVATION OF LOCAL
   GOVERNMENTS FOR PROJECT IMPLEMENTATION.

#### **KEY PERFORMANCE INDICATORS**

NUMBER OF CREATED RESEARCH PORTAL QUESTIONS

NUMBER OF RESEARCH QUESTIONS PUBLISHED ON THE PORTAL PER YEAR

NUMBER OF RESEARCH QUESTIONS BEING SOLVED ON THE PORTAL

BRATISLAVA SMART REGION - 29 -

#### TIMETABLE

RESEARCH QUESTIONS PORTAL	MILESTONE	YEAR		
		2023	2024	2025
	PUBLIC PROCUREMENT PROCESS	x		
	CREATION OF RESEARCH QUESTIONS PORTAL	x		

#### LIST OF PROJECTS

COLLECTION AND CREATION OF RESEARCH QUESTIONS

CREATION OF RESEARCH QUESTIONS PORTAL (OWN SECTION ON THE WEBSITE OF THE BRATISLAVA SELF-GOVERNING REGION)

ADDRESSING COLLEGES AND UNIVERSITIES

PROMOTION OF POTENTIAL RESEARCH QUESTIONS,

COMMUNICATION WITH STUDENTS

PORTAL ADMINISTRATION



## NOTES



BRATISLAVA SELF-GOVERNING REGION SABINOVSKÁ 16, P.O. BOX 106 820 05 BRATISLAVA 25

FACEBOOK: @bratislavskykraj.sk
INSTAGRAM: bratislavsky\_kraj
YOUTUBE: BratislavskyKraj

🖄 podatelna@region-bsk.sk

**3** 02/4826 4111

www.bratislavskykraj.sk

ISSUED BY THE BRATISLAVA SELF-GOVERNING REGION, 2022





