

## 1. THE CONSORTIUM

The Consortium members, CIVITTA Strategy & Consulting SA, Business Consulting Institute (BCI), Boğaziçi Proje Mühendislik A.Ş., Rupprecht Consult and TTL PLANNING, offer a diverse range of services, covering research, strategy, innovation, funding, data, implementation, transport and mobility planning. We have a broad experience working with all levels of public administration and with local communities, developing strategies, programmes, public policies, and assessing the impact of adopted measures.

We provide consultancy and technical assistance in the fields of sustainable urban mobility development and planning, transport modelling, public transport systems planning and feasibility studies, traffic engineering studies and traffic microsimulation, urban and regional development and planning (including smart cities and smart regional development – Civitta Strategy&Consulting in Romania in also a member of the National Standardisation Committee on Sustainable development of smart infrastructures in cities and communities), organizational restructuring and capacity-building, governance, as well as provision of data-driven recommendations to support the elaboration of smart and innovative approaches in development and planning.

## 2. CIVITTA STRATEGY & CONSULTING SA

**CIVITTA**

**CIVITTA STRATEGY & CONSULTING SA**

CIVITTA Strategy & Consulting SA, former GEA Strategy & Consulting, was established in 2006 and has been a leader on the Romanian market in consulting services for public authorities and private clients over the last decade. The company joined the CIVITTA international group in 2017, becoming part of the leading independent management consultancy across the Baltics and Eastern Europe, which employs over 300 consultants in 26 offices across 16 countries, including Romania and Moldova.

CIVITTA Strategy & Consulting offers a diverse range of services. We have a broad experience working with all levels of public administration and with local communities, developing strategies, programmes, public policies, socio-economic and territorial development analysis and assessing the impact of adopted measures. We work in close collaboration with the other Civitta offices, delivering together projects for both private and public sector clients with the help of our Europe-wide network of consultants and analysts. We offer support to our clients within the following service lines:

**STRATEGY \ INOVATION \ FUNDING \ RESEARCH \ DIGITAL \ IMPLEMENTATION**

CIVITTA has vast experience in transport, development of policy, strategy, planning frameworks, regulatory advice, market research and has delivered numerous projects focused on urban mobility. In the last 5 years the Civitta Group has greatly enhanced its involvement in sustainable urban and regional mobility. While preparing multiple SUMP for large and small cities, our consultants also supported local administrations in implementing projects (grant applications, feasibility studies, project management etc.) while also facilitating access to European knowledge through trainings and participation in various international projects (Urbact, Interreg etc.). This support (from planning to learning and implementing) can be seen in most of our projects and clients. Moreover, being involved in mobility projects at multiple scales, Civitta Strategy & Consulting has an important contribution in pushing sustainable urban mobility

on the public agenda in Romania while also making sure the local needs of cities are met within future financing programmes and legislative changes.

Quality of services and deliverables is a top priority for Civitta, this may be the reason why SUMP Kaunas was a finalist and recipient of an award by the European Mobility Week in 2020 while SUMP Klaipeda was the winner and recipient of an award by the Lithuanian Ministry of Transport and Communications.

The most relevant projects for this call include sustainable urban development strategies and sustainable urban mobility plans developed for small (ex. The city of Isaccea), medium (ex. The city of Arad), large cities (Cluj-Napoca and metropolitan area) as well as counties (ex. Maramureş county) or regions (ex. The North West Development Region). Close to the subject of SUMP's the Civitta is part of multiple knowledge and experience exchange projects (as support for the Romanian partner) such as TRAM, Space4People, E-mobility or Mobi, while also being directly involved in preparing the future Operational Programmes for Romania 2021-2027 and in the evaluation of the Large Infrastructure Operational Programme for the 2014 – 2020 period – Transport component.

For this project CIVITTA will leverage a strong team of experts (urban planners, engineers, economists, architects etc.) with wide experience in preparing and implementing SUMP's. The team will be led by a project manager (Reinhold Stadler) that has been involved in the preparation of more than 20 SUMP's in the last 10 years, for very large (Bucharest-Ilfov Region - over 2 million inhabitants), to large (Cluj-Napoca), medium (Arad) and small cities (Isaccea).

### 3. BUSINESS CONSULTING INSTITUTE



#### BUSINESS CONSULTING INSTITUTE (BCI)

Business Consulting Institute (BCI) represents a consulting organization with a multidisciplinary portfolio of consulting services on the Moldovan consultancy market. Due to its conscientiousness and business valuations, BCI delivered services relating to change management, business process re-engineering, organizational restructuring and capacity-building to numerous institutional clients in transition and developing economies through the implementation of complex technical assistance projects.

BCI's mission is to direct the efforts of professional consultants in the implementation of modern methods of public and private business administration, to contribute to improving central and local administration in the context of structural changes in the Republic of Moldova

BCI's extensive profile of specialization covers a wide range of know-how tools and other development services for public and private sectors of the national economy, having a wide expertise in financial and operational improvements and in the provision of capacity building activities and organizational management being experienced in identifying and meeting training needs through both formal and informal training, or through on-the-job transfer of skills. The expertise of the BCI consists in projects implemented in the Republic of Moldova and regionally and include involvement in public administration reforms, strategic planning and institutional development (the set-up and/or restructuring of public and private institutions and companies).

The organization has managed to establish lasting cooperation links with most prominent development partners in the Republic of Moldova, and representatives of both central and local public administration

units, in terms of on-going consultancy and capacity building support provided and expertise shared to all the interested parties. BCI has substantial knowledge and experience in all areas of structural reforms, being involved in numerous consulting and restructuring projects related to the process of economic and social transformations.

BCI has an acknowledged reputation in developing economic strategies of urban and rural areas, as well as national and cross-border regions, and benefitted from a wide range of donor technical cooperation programs, funded by international organizations and institutions such as EU, EBRD, UNDP, WB, USAID, GIZ, Soros Foundation, IFAD, as well as by governmental institutions of Moldova, having elaborated over 150 Local Development Strategies for districts, towns and communities countrywide.

The Institute has the reputation of highly effective, reliable and flexible project management gained through our numerous technical projects regionally and in Moldova.

The following listing presents the most representative services provided:

**BUSINESS CONSULTING:** Market Studies, feasibility Studies and Business Plans, Investment Attraction Strategies; Corporate Development Plans, Restructuring Plans

**STRATEGIC PLANNING:** Regional Development Strategies; Sectoral Development Programs; Socio-economic Development Plans for Communities and Towns; Chisinau and Ungheni Master Plans.

**PROJECT MANAGEMENT** for Cross-Border Cooperation Program, Regional Development, Waste Management and Community Development.

**TRAINING ORGANIZATION AND DELIVERY** for LPA representatives, in public management, for public servants and civil society representatives in project cycle management, for experts of regional agribusiness centers in business planning, and marketing, green economy and for business start-up.

## 4. BOGAZICI PROJE MÜHENDISLIK A.Ş



**BOGAZICI PROJE MÜHENDISLIK A.Ş**

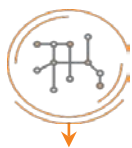
Boğaziçi Proje Mühendislik A.Ş. is an international engineering and consultancy firm headquartered in Istanbul, Turkey (Established in 2005). We take pride in leading with the most advanced techniques and technology in transportation and logistics planning, engineering, design and supervision.

We take pride in thinking out of the box and having the technical understanding essential to achieve truly integrated transport systems that meet communities (e.g. private operators, public operator, authorities, end-users such as residents and visitors) needs today and in the future. Our main objective is to combine local needs and conditions with technical knowledge and experience to reshape accessible and economically sustainable cities of different sizes and scales.

The main areas of expertise are Sustainable Urban Mobility Plans, Travel Demand Modelling, Public Transport Systems Planning and Feasibility Studies, Traffic Engineering Studies and Traffic Microsimulation, Rail Systems Design, Highway-Roadway Design, Railway and Highway Structures Designs, Informatics and Technology for Transport/Urban infrastructures. Our services also include the evaluation of transport policies implemented by local authorities, formulation of alternative policies and guidelines for planning, investment, management and regulatory/institutional reforms in transport and

environmental projects. Our firm also provides its clients with organizational change, management assistance, process analysis, technology implementation, strategy development, operational and safety performance improvement services. Our management service also includes defining Key Performance Indicators related to project and its goals. Our firm has experience in planning evaluation process of Transport projects (Mass Transit Lines, Transit Hubs and Railway Stations), Underground Parking Infrastructure, Integrated Medical Campus (Regional Hospital Campus) and Shopping Mall in terms of demand forecasting, feasibilities and detailed design of projects and environmental & social impact assessments.

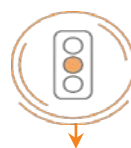
Beside our Istanbul head office, our branch offices are located in two significantly populated cities of Turkey (Izmir, Antalya). The company comprises 5 technical departments. These are:



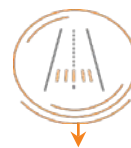
Transportation Planning



Rail System Design



Traffic Engineering



Highway and Roadway Design and Structures Design



Project Management and Construction Supervision

## 5. RUPPRECHT CONSULT – FORSCHUNG & BERATUNG GMBH



RUPPRECHT CONSULT – FORSCHUNG & BERATUNG GMBH

Rupprecht Consult is an independent, private research and consulting company based in Cologne, Germany. Our focus area is urban sustainable mobility, mostly from a European perspective. Over the last 25 years we have been involved in many innovation and demonstration projects and have conducted numerous studies in this area.

**SPECIALISTS IN URBAN SUSTAINABILITY**

Our company employs an international team of experienced consultants with a strong background in urban planning, sustainable transport, social sciences, and related disciplines. We approach urban transport from an integrated and multi-disciplinary perspective, including active modes, (traditional and new forms of) collective mobility, multimodality, (clean) vehicle technology, C-ITS/ automation, sustainable urban mobility planning, but also community well-being and social inclusion aspects. Our services include project development and management, evaluation and impact assessment, policy analysis, stakeholder, and network management, change processes, communication, and knowledge transfer.

**WORKING ON INNOVATIVE URBAN MOBILITY SOLUTIONS**

Rupprecht Consult has developed the European Guidelines on Sustainable Urban Mobility Plans (SUMP) and we have extensively worked on this topic in various roles (plan developer, quality controller, trainer, local or national strategy development, monitoring) in various European countries, Latin America, and Eastern Europe. We offer a wide range of free SUMP tools on our company website ([www.rupprecht-consult.eu](http://www.rupprecht-consult.eu)), our learning platform ([www.mobility-academy.eu](http://www.mobility-academy.eu)), CIVITAS and ELTIS websites. We are currently engaged in the updating of the SUMP Guidelines (SUMPs-Up Project).

**LEAD  
DEVELOPERS OF  
SUMP CONCEPT**

We have been intensively involved in the CIVITAS Initiative and other sustainable urban mobility projects (in various EU programmes); in CIVITAS alone, we have coordinated four large demonstration projects and were engaged in several coordination and support actions, as well as research projects. Therefore, we are very aware of local mobility needs and practises, national transport policy frameworks across Europe, as well as European policies in this area.

**MAJOR PARTNER OF  
THE CIVITAS  
INITIATIVE**

Our evaluation experience includes the development of assessment and performance methodologies, the development of the future European urban mobility indicators (based on the WBCSD urban mobility indicator set for Europe), the review of project outputs, in-depth analysis and cross-assessments for large integrated projects. We have developed the (still applied) CIVITAS process evaluation framework and co-developed the set of CIVITAS core indicators.

**EVALUATION AND  
MONITORING  
EXPERTISE**

In the area of policy assessment, a major reference project of Rupprecht Consult was TRANSFORuM, which was a collaborative road mapping process for the implementation of the EU Transport White Paper. In other projects (e.g., TIDE) we have developed a policy transferability methodology.

We have until recently supported the coordination of a major Horizon 2020 project on electric buses and infrastructure (ELIPTIC). The FLOW Project (coordinated by us) developed tools to assess the contribution of walking and cycling to congestion reduction. We are involved in several projects on the efficiency of the transport system in urban nodes of the TEN-T core network. Currently we coordinate the CoEXist project, which aims at providing “automation-ready” transport models and road infrastructure for the coexistence of automated and conventional vehicles. In the SUNRISE project on “Sustainable Urban Neighbourhoods” we are leading the development of neighbourhood planning and co-creation methods in various European cities. The social dimension of mobility is addressed in the INCLUSION project.

**WE COVER A WIDE  
RANGE OF URBAN  
MOBILITY TOPICS**

Over the past few years, we have widened our international experience with projects like SUMP development in Peru and Latin America and SMMR SUMP development in metropolitan regions in ASEAN member states. We are furthermore working on public transport development in the global South with a focus on electrification strategies in the sector. In all these projects, we are always in close cooperation with local and regional stakeholders and institutions.

**INVOLVEMENT IN  
INTERNATIONAL  
PROJECTS FOR  
SUSTAINABLE URBAN  
MOBILITY**

## 6. TTL PLANNING



TTL PLANNING

TTL PLANNING is a Romanian company whose main activity is engineering and technical consultancy related activities (CAEN ID 7112), which activates in the field of transport planning.

We offer consultancy services in transportation planning, focused on innovation, efficiency and sustainable solutions, with high level of experience, essential in understanding and identifying the best results that will be provided to our beneficiaries.

With a long experience in the field of urban mobility and transport planning / modelling, our team has acquired practical and theoretical knowledge in the field of strategic transport planning using modern management systems and specialized software for transport demand modelling and forecasting. The field of expertise and professional skills covers the field of transport and traffic engineering, being specialized in the field of technical, economic and financial evaluation of transport systems development projects, logistics and mobility, transport decision-making processes, transport-oriented market studies, transport and traffic management for goods and people.

TTL PLANNING has participated in the development of feasibility studies for new metro lines, providing services related to transport planning / modelling, options analysis, cost-benefit analysis, traffic studies for road and rail transport infrastructure development projects, development of sustainable urban mobility plans, as well as in the development of public transport service contracts.

Since its inception, at the beginning of 2016 our list of beneficiaries has expanded including Local Authorities and Private Companies. We provide to our clients in the public and private sectors a wide range of transportation planning services and technical advice, including traffic engineering, economic analysis in transport, sustainable transport planning, analysis, evaluation and prioritization of options, public and private transport planning, public service contracts, traffic assessment and forecast as well as development of transport strategies.

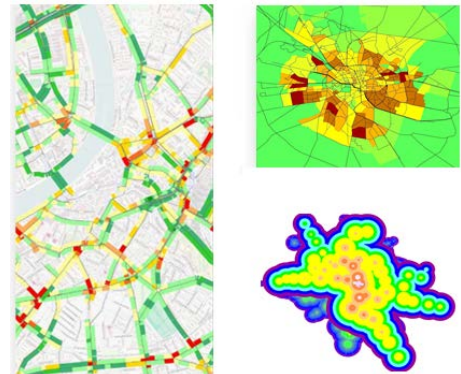
With an experience of more than 13 years in the urban mobility and transport planning / modelling field, Ionut-Sorin Mitroi (TTL PLANNING Managing Director) showed specialized practical and theoretical knowledge in area of planning of the public transport using modern management systems including implementation of specialized software for transport demand forecasting and traffic management. His area of knowledge and professional skills covers the area of transportation and traffic engineering, especially in the field of technical, economic and financial assessment of transport systems development projects, city logistics (integrated logistics systems), IT solutions assisting transport and traffic processes and decisions, market studies transport-oriented, transport and traffic management for goods and people and transport marketing. He graduated a master of science in Transportation Logistics and Management, his dissertation having as subject modelling the urban congestion and in 2015 he has acquired his Doctorate in Science with "Traffic Flow assignment in congested urban network" Thesis. He was involved in major projects for the elaboration of feasibility studies for new metro lines, including transport planning/modelling, option analysis, cost-benefit analysis and also, in research projects regarding road traffic safety. He was also involved in traffic studies for public transport infrastructure development projects, road and railway projects as well as in the development of urban mobility strategies and Transport Public Services Contract. Throughout his career, he worked as a transport

planner / modeller, project manager, Chef of Transport planning department and since 2016 he is transport consultant and leads TTL PLANNING Company as Managing Director, having provided transport planning consultancy services to a range of public and private sector clients, including central government, local government, transport agencies, transport operators and developers.

### ■ ■ ■ TTL PLANNING MAIN AREA OF ACTIVITIES.

#### TRANSPORT PLANNING AND STRATEGIC MODELLING

- Sustainable urban mobility plans
- Transport systems development strategies
- Technical assistance for the preparation of the application form for EU-funds
- Multi-criteria analysis for strategic scenarios
- Environmental impact analysis
- Traffic impact analysis
- Transport demand assessment
- Transport service action plan
- Project management



#### TRANSPORT ECONOMICS

- Economic analysis of transport projects and plans
- Social and economic analysis
- Assessment of local economic opportunities
- Economic case development for transport projects
- Economic appraisal of environmental effects of transport projects
- Demographic forecasts
- Business plan and financial evaluation for transport solutions
- Surveys design and data post-processing



#### FEASIBILITY STUDY

- Large transport infrastructure project appraisal
- Small transport schemes appraisal
- Multimodal network design solutions
- Business case development for transport project
- Options analysis
- Cost-Benefit analysis
- Risk analysis
- Stated and revealed preferences survey
- Marketing studies
- Traffic surveys



**TRAFFIC ENGINEERING**

- Transport demand modelling and forecast
- GIS network design
- Traffic management evaluation
- Traffic impact analysis
- Intersection traffic optimization studies
- Corridor / Network traffic optimization studies
- Traffic and surveys studies
- Traffic signalling design and optimization
- Bike network design / Walkable areas design
- Parking system design and management solutions

