

1950 1960 1970 1980 1990 2000 2010

2020 2030 2040 2050 2060 2070 2080 20

Time Machine Organisation TMO Operational Plan 2020 - 2021

September 2020

# Table of contents

1	Introduction	2
2	The Time Machine Concept and Agenda.         2.1 The basic ideas	3 . 3 . 4
3	TMO Action Plan.         3.1 The broader Objectives         3.2 The Planning Process.         3.3 The Immediate Priorities         3.4 Actions in the period 2020 - 2021         I. Time Machine Agenda         II. Local Time Machine Services         III. Project Scouting Services and Cooperation.         IV. Third Party Services         V. Dissemination         VI. Communication	6 7 9 .9 10 11 13 14
	Services for TMO members	16 17 17
5	TMO Governance1	Lð
6	Annex: TMO budgets for 2020 -2021       2         6.1 Budget for 2020       2         6.2 Updated Budget for 2020       2         6.3 Preliminary Budget for 2021       2	21 22



# 1 Introduction

The Time Machine Organisation (TMO) is an association under Austrian law created by the Time Machine community in order to ensure the long-term sustainability of the concept and ambitious research and innovation agenda that had been designed by the Time Machine CSA project<sup>1</sup> in the period 2019-2020.

The Time Machine Community comprises a large number of researchers, innovators, decision makers and other professionals and stakeholders in the area of Cultural Heritage<sup>2</sup>. This strong network currently counts over 600 institutions from 45 countries, including close to 200 top European research institutes, a huge representation – more than 100 organisations - from galleries, libraries, archives and museums (GLAM), as well as leading large enterprises, innovative SMEs, institutional bodies and influential civil society organisations.

Initially conceived as a FET flagship, Time Machine CSA (TM) has developed a realistic long-term operational roadmap with concrete objectives and milestones that requires consistent long-term funding to maximise its socioeconomic impact. TMO will make the transition from the organisation environment set up during the conception phase to one that will have the required resources enabling to implement the full roadmap. The operation plan presented in this document describes the actions and approach towards this objective.

Following this brief introduction, Section 2 provides an overview of the TM main ideas and structure, as these have been developed in the CSA project. Section 3 presents the action plan for the period 2020-2021. Section 4 provides the list of services to the TMO members. Finally, Section 5 presents the TMO governance structure and associated roles and responsibilities.

# 2 The Time Machine Concept and Agenda

Time Machine is a large-scale research initiative aiming to create the Big Data of the Past - a distributed digital information system mapping the European social, cultural and geographical evolution across times. In the proposed approach, digitisation is only the first step of a long series of extraction processes, including document segmentation and understanding, alignment of named entities and simulation of hypothetical spatiotemporal 4D reconstructions.

Such computational models with an extended temporal horizon are key resources for developing new critical reflections on the future of our institutions, and insights for historians, social scientists, creative arts professionals, policy-makers, and for the general public, with a significant common denominator: contributing to informed decision-making from everyday life to academic, professional and political matters. The vision is, therefore, to enable Europe to turn its long history, as well as its multilingualism and multiculturalism, into a living social and economic resource.

<sup>&</sup>lt;sup>1</sup> Horizon 2020 Coordination and support action (CSA) Grant Agreement No. 8020323

<sup>&</sup>lt;sup>2</sup> The expression "Cultural Heritage" in the document will often refer to every trace of European social, cultural and geographical evolution, which is wider than its current scope.

## 2.1 The basic ideas

### The Time Machine Processing and Digitisation Infrastructure

The Time Machine Processing Infrastructure will be composed of a digital content processor and three simulation engines (Figure 2-1):

- \* a 4D Simulator that manages a continuous spatiotemporal simulation of all possible pasts and futures that are compatible with the data.
- a Universal Representation Engine that manages the multidimensional representation space resulting from the integration of extremely diverse types of digital cultural artefacts (text, images, videos, 3D).
- \* a Large-Scale Inference Engine that will shape and assess the coherence of 4D simulations based on human-understandable concepts and constraints.

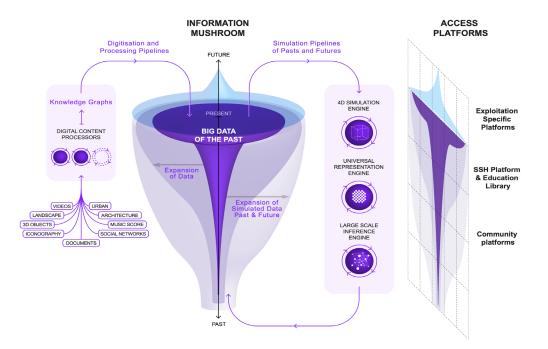


Figure 2-1: TM Digital Content Processor and the three simulation engines

The Time Machine **Digitisation Infrastructure** will be composed of a network of digitisation hubs and will be organised on a European scale. A peer-to-peer platform will be in charge of managing and optimising digitisation strategies at European level and will also be tasked with the development of generic solutions for archiving, directly documenting the digitisation processes, and swiftly putting the digitised documents online.

The core software components are presented in Box 2-1.

### Box 2.1 TM Core software components: Data Graph, 4D Map, Code Library and Project Repository

### Data Graph

The Data Graph (incrementally implemented by research in Pillar 1) is the central component of the Time Machine, containing all the information modelled in the Time Machine. The graph is constructed both manually using editing Apps and automatically through the processing of the Digital Content Processor. Apps permit visualise and edit the Data Graph, thus performing Internal (e.g. inclusion of Nodes and Links) and External Operations (e.g. Visualisation).

### 4D Map

The 4D Map is a second central component of Time Machine. It plots both ongoing projects and the dataset of these projects. This means that the 4D Map is both the map where activities can be followed and the map aggregating results. The density of the 4D Map is not uniformed. In particular some zones may be modelled only in 3D, 2D and even 1D, as a list of included elements. The 4D Map includes a layer of Municipalities on which Local Time Machines can be anchored. The 4D Map can be navigated using the several 4D interfaces.

### Code Library

The Code Library is a library accessible in several programming language regrouping key Operators function for processing Data in the Time Machine Environment.

### Projects Repository

The Projects Repository monitors all the active projects of the Time Machine. Projects are usually conducted by institutions but can also be launched by individuals. Projects may be new or documentation of ancient projects. Projects can mine Sources and ingest their extracted data into the Data Graph. These Projects are associated with a Zone of Coverage that associated them with Local Time Machines, producing content for GeoEntitites. Projects may also produce intermediary datasets that can be downloaded even if they are not yet integrated in the Data Graph. Projects can also develop Apps that interact with the 4D Map and the Data Graph. Projects can contribute to the Code Library by working on the GitHub repository of the Time Machine to produce new Operators. These different objectives are non-exclusive from one another.

### The Requests for Comments (RFCs)

Reaching consensus on the technology options to follow in a programme as large as Time Machine is a complex issue. To ensure the open development and evaluation of work, a process inspired by the Request for Comments (RFC) that was used for the development of the Internet protocol<sup>3</sup> will be adapted to the needs of Time Machine. Time Machine Requests for Comments will be freely accessible publications, identified with a unique ID, constituting the main process for establishing rules, recommendations, core architectural choices for the Time Machine components. Their basic principles are presented in Box 2-2.

### Box 2-2: Basic features of the TM Requests for Comments

### The Time Machine RFCs are based on the following principles

Accessibility. RFCs are freely accessible, free of charge.

### <sup>3</sup> <u>https://en.wikipedia.org/wiki/Request\_for\_Comments</u>

- **Openness.** Anybody can write an RFC.
- Identification. Each RFC, once published, has a unique ID and version number.
- Incrementalism. Each RFC should be useful for its own right and act as a building block to others. Each RFC must be aimed as a contribution, extension or revision of the Time Machine Infrastructure.
- Standardisation. RFCs should aim to make use of standardised terms to improve the clarity level of its recommendation.
- Scope. RFCs are designed contribution and implementation solutions solving practical problems. RFC are not research papers and may not necessarily contain experimental evidence. The RFCs cover not only the technical infrastructure but the data standards, legal frameworks, values and principles.
- Self-defining process. Like for the development of the Internet, RFCs are the main process for establishing the Time Machine Infrastructure and Processes but also the processes and roles for managing RFCs themselves.

### The Local Time Machines (LTMs)

The Time Machine Network is organised as a virtually unlimited amount of **Local Time Machines** (LTMs). Each LTM is anchored in the space of a city or a region and has the ambition to build a dense database of spatiotemporal information laying the foundation of a 4D model of its physical environment.

The Time Machine Organisation is responsible for the development of the core infrastructure which includes structures like the Data Graph or the 4D Map. The Apps are pieces of software that allow users to experience and edit the information in the Data Graph and the 4D Map. They can be grouped into families of Apps like the Navigators or the Annotators. The way these components fit together is shown in Figure 2-2.

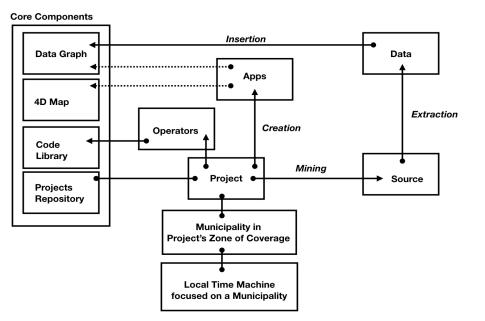


Figure 2-2: General structure of Local Time Machines and their relation to Projects, Apps and Core Components.

LTMs are areas characterised by density of operations. There is no single coordination that aims to manage all the projects that have arisen in a specific area. All those involved in the various projects and activities, through their organisation charts, can in any case converge towards a community which will therefore have an autonomous logic of structuring and functioning that emerges locally. The projects involved can include projects with national and international grants, institutional projects having internal funding, projects financed by local administrative institutions, projects held by companies on cultural heritage benefiting of services and tools implemented by the Time Machine Organisation through the Local Time Machines Infrastructure, but also small-scale projects led by individuals.

The project-based horizontal structure has key advantages:

- Standard processes facilitate easy on-boarding of new projects and members. They ensure openness by-design
- Standard operations and libraries of standard operators guaranty by design the desired level of compatibility between processes and datasets.
- Centralised repositories for projects, operations and data sets enable a constantly up-to-date map of activities in progress.

Another development principle of the LTMs is scalability by design. To maximise growth of the Time Machine environment, the right balance must be found between part of the infrastructure under the control of the Time Machine Organisation and pieces of software independently developed. The Time Machine should be as distributed as possible, but as centralised as necessary.

The Time Machine Organisation (TMO) helps the regional/local actors in this process by providing technology, methodology and supporting infrastructure facilitating the digitisation pipelines, the standardisation of the information gathered and the development of related services. In the course of time, LTMs pass through different maturity phases. Each maturity phase permits to envision specific exploitation strategies. A series of events taking the form of LTM Academy events will be organised to present, compare and evaluate ongoing work.

# 3 TMO Action Plan

## 3.1 The broader Objectives

The TMO primary objective is to keep up with strengthening and enriching the large community that constitutes its member base. To this effect, TMO will invest in developing and offering in the short term a range of services that add value to its members.

These include project scouting services that will enhance joint project work, as well as developing a structuring environment for LTM projects and communication of developments in the field of Cultural Heritage. Another line at a later stage will be to develop an offer comprising structure, tools and support for LTM projects, facilitating project work in the area of Cultural Heritage. The access to this progressively unfolding service offer, as well as their relevance to the interests and concerns of the members, will be a strong motivation for the TM community to continue supporting TMO.

Another important aim for TMO is to follow developments with regards to other large-scale funding opportunities in the frame of Horizon Europe or other similar funding programmes. To this effect, TMO will pursue EU lobbying, political communication, and alliances with other projects. Time Machine has a concrete chance to be financed in the second wave of European Partnerships or other large-scale initiatives in the field of Cultural Heritage. In this respect, it is important to invest resources in planning and blueprints, for example, through the development of RFCs, that contribute to increasing the degree of the programme maturity and, thus, the chances of obtaining such large-scale funding.

## 3.2 The Planning Process

### TMO resources come from:

- Membership fees
- EU central funding
- National funding
- Service specific funding

The membership fees are dedicated to operate basic TMO-wide actions and services:

- Creating a basic office infrastructure
- Organising the community (Communication Manager, LTM Manager, Programme Manager)
- Offering a basic level of concrete services that offer direct benefits to partners (Technical Infrastructure, Project Scouting Services)
- **EU central funding** (Horizon Europe, ESIF, Digital Europe, etc.) will be accessed via proposals in response to calls. In this respect, TMO will be involved in consortium development, participation, and project partnering to (a) implement parts of the TM R&I agenda via open calls as well as (b) to scale up and increase the quality of its service offer to its members, (c) to participate in strategic initiatives.
- National and regional funds will be used to implement and shape Local Time Machine activities.
- Service specific funding (innovation & start-up funds, entrepreneurship funds) will be used to bootstrap and scale up services as well as to support technology transfer activities.

TMO has a rolling programming process that uses available funding resources to implement TM related actions and to obtain further funding to pursue such actions. The process is illustrated in Figure 3-1.

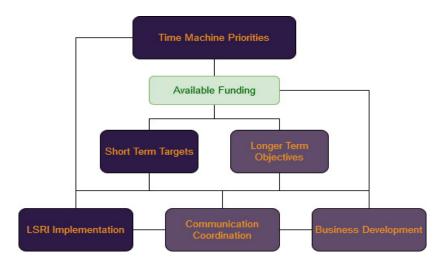


Figure 3-1: Planning process for the TMO action plan

The starting point for the programming cycle is the Time Machine Roadmap that defines the priority objectives to be achieved at a given period of time. Based on available funding, the Executive Board prepares a proposal defining:

- The short-term targets and the associated implementation plans for the current programming period
- The longer-term objectives that should receive attention for following programming periods
- The Communication and Coordination actions that support implementation in the current period, as well as objectives to be reached in following programming periods
- The Business Development objectives, specifying resources to be secured for the following programming periods.

Bi-annual reporting periods are foreseen for progress assessment and work reprogramming by the Executive Board.

## 3.3 The Immediate Priorities

For the bootstrapping phase (2020-2021) TMO will organise available resources around topics dealing with initiating the implementation of the Time Machine Agenda, create immediate services for its members and securing funding for its longer-term plans. The priorities identified for this period are shown in Table 3-1.

Priority Area	Objective	Links with other Priority Areas
I. Time Machine Agenda	• Establish a sustainable process and workflow for (1) planning, writing and reviewing RFC and (2) for transforming some RFC into services	<ul> <li>PA I develops the results to be used for PA II, III and IV.</li> <li>PA I provides key material for PA V and VI.</li> </ul>
II. Local Time Machines Services	• To create the infrastructure driving the rapid development of LTMs based on projects	<ul> <li>PA II provides guidance for communication actions in PA VI</li> <li>PA II may provide material for dissemination in PA V</li> </ul>
III. Project Scouting and Cooperation	<ul> <li>To obtain funding from procurements of institutional funders (Horizon Europe, Digital Europe, ESIF) through winning partnerships of TM members and selected third parties</li> </ul>	<ul> <li>PA III offers the longer-term funding for implementing PA I and II activities</li> <li>PA III provides guidance for communication actions in PA VI</li> <li>PA III may provide material for dissemination in PA V</li> </ul>
IV. Services to Third Parties	<ul> <li>To demonstrate the socio-economic relevance of TM and obtain funding from services to third parties</li> </ul>	<ul> <li>PA IV offers the longer-term funding for implementing PA I and II activities</li> <li>PA IV provides guidance for communication actions in PA VI</li> <li>PA IV may provide material for dissemination in PA V</li> </ul>
V. Dissemination	• To "package" and make available the knowledge created in other PAs through publications, lectures, courses and other forms of dissemination	<ul> <li>PA V provides material for communication actions in PA VI</li> <li>PA V provides background knowledge for PA I - IV</li> </ul>
VI. Communication	<ul> <li>To raise awareness and communicate the impact of TMO activities and use communication tools to serve strategic TMO objectives</li> </ul>	<ul> <li>PA VI supports all other PAs subject to communication objectives: scientific impact and recognition for PA I, and II, lobbying and partnering for PA III and membership base satisfaction and customers for PA III and PA IV</li> </ul>

Table 3-1: TMO Priority Areas for the period 2020 – 2021

## 3.4 Actions in the period 2020 - 2021

Based on the priorities the following action areas have been identified:

# Time Machine Agenda

### Targeted Results

1) Establishment of the full process for RFC Writing and Reviewing (RFC on RFC (RFC-0000), RFC on RFC Editorial committee (RFC-0003), RFC on Publication Platform (RFC-0004))

2) Writing and Publication of the RFCs planned in the RFC Tree (RFC-0002). Current list includes 6 planned RFCs for 2020 and 13 for 2021 (see below)

3) Transform RFC into Infrastructure and Service

### Responsibility:

Daniel Jeller, Frédéric Kaplan

Resources:

TMO Core Staff, RFC Editorial Committee Members, TMO Executive Board Members

### Planning of work

2020 (6 planned RFCs): RFC on RFC, RFC on TM Glossary, RFC on RFC Tree, RFC on RFC Editorial Committee, RFC on Publication Platform, RFC on LTM

2021 (15 planned RFCs): RFC on Technical Charter, RFC on Vision Mission and Values Charter, RFC on Intellectual Property Rights and Licenses, RFC on Training, RFC on LTM Value Scale, RFC on LTM Training, RFC on Definition of Typologies of Digitisation Interventions, RFC on Standardisation and Homologation, RFC on Open Hardware, RFC on Data Lifecycle, RFC on Operation Graph, RFC on TM Data Graph, RFC for TM APIs, RFC for Classification and Planning of Languages to address, RFC on Annotation

2022 (16 planned RFCs): RFC on Digital Content Processor (DCP) of Level 1, RFC on Digital Content Processor (DCP) of Level 2, RFC on Digital Content Processor (DCP) of Level 3, RFC on Synergy and Interaction in EU Research Infrastructure, RFC on General Standards for the Super Computing Architecture, RFC on Time Machine Box, RFC Digitisation Hubs, RFC for Named Entity Recognition, RFC on Text Recognition and Processing Pipeline, RFC on Structured Document Pipeline, RFC on Map and Cadastre Processing Pipeline, RFC on Audio Processing Pipeline, RFC on Video Processing Pipeline, RFC on Music Score Pipeline, RFC on Photographic Processing Pipeline, RFC on Photogrammetric Pipeline

2023 (11 planned RFCs): RFC on Enhancing Collaboration, RFC on Franchise System, RFC on Solidarity, RFC on Top-Down Initiatives, RFC on Distributed Storage, RFC on Distributed Storage System for Private Data, RFC on On-demand Digitisation, RFC on Global Optimization of Digitisation Process, RFC for Orthographic Normalisation, RFC on Content Filtering

2024 (8 planned RFCs): RFC on Knowledge Transfer, RFC on Smart Cluster, RFC on Collaboration Indicators, RFC on Large-Scale Inference Engine, RFC on the 4D Grid, RFC on 4D Simulations, RFC TM Tools for History Research, RFC on New Scanning Technology

2025 (4 planned RFCs): RFC on 4D Simulator, RFC on Universal Representation Engine, RFC for Machine Translation, RFC on Mirror World Prototyping.

2026 (7 planned RFCs): RFC on Legal Issues linked with Mirror Worlds, RFC on Mirror World Extension Strategy, RFC on Mirror World Technical Standards, RFC on Virtual/Augmented Reality and Discovery, RFC on 4D Mirror World, RFC for Improved Simulation using TM Simulation Engines

2027 (1 planned RFC): RFC on Large Scale Mirror World 2025 (4 planned RFCs): RFC on 4D Simulator, RFC on Universal Representation Engine, RFC for Machine Translation, RFC on Mirror World Prototyping.

2026 (7 planned RFCs): RFC on Legal Issues linked with Mirror Worlds, RFC on Mirror World Extension Strategy, RFC on Mirror World Technical Standards, RFC on Virtual/Augmented Reality and Discovery, RFC on 4D Mirror World, RFC for Improved Simulation using TM Simulation Engines

#### Actions and timing

Task 1.1: Planning and Infrastructure Development (Q3-Q4 2020) – Infrastructure Team

Based on the content produced during the Time Machine CSA, the RFC writing, reviewing and publishing process will be set up using Github and Open Review, with the first five RFC's to be developed simultaneously as a base for subsequent RFC development.

Task 1.2: Engagement of RFC writers (Q4 2020- Q1 2021) – RFC Editorial Committee, TMO Executive Team Members

Constant monitoring of the RFCs (writing, editing, processing of input...) will be implemented to ensure that the priority of RFCs is adjusted to the evolving needs of the community and key stakeholders and to ensure the smooth production of related/dependent RFCs.

Task 1.3: Growing and Maintaining the RFC Tree (2020-2021) – Infrastructure Team, RFC Editorial Committee

Growth of the RFC Tree and thus the Time Machine itself will take place via the process of writing, reviewing and publishing individual RFCs. The process will be managed by using Github and Open Review following the list of planned RFCs for 2020 as outlined above. Day-to-day monitoring will ensure the proper use of the tools by the writers and reviewers.

### Deliverables:

D1.1 RFC process including set-up of necessary tools (Q4 2020) and recruitment of writers: output of Task 1.1, providing the process and platform for the production of RFCs.

D1.2 2020 RFCs (Q4 2020): output of Tasks 1.2 and 1.3, planned 2020 RFCs

D1.3 2021 RFCs (Q1 – Q4 2021): output of Tasks 1.2 and 1.3, planned 2021 RFCs

### . Local Time Machine Services

### Targeted Results

1) Creation of the Local Time Machine (LTM) Webspace and Project Environment on timemachine.eu

2) Development of the App and Code Library Environment

3) Time Machine Academy; Coordination and Training of the Time Machine Development Team

### Responsibility:

Isabella di Lenardo, LTM Manager (autumn 2020)

### Resources:

TMO Core Staff, Infrastructure Team, LTM Project Network Contacts

### Planning of work

Planning is provided in RFC-0005 (RFC on LTM)

### Actions and timing:

Task 2.1: Planning and Infrastructure Development (Q4 2020 Q4 2021) – LTM Coordination Team, Infrastructure Team

The RFC on Local Time Machines will be produced to provide the foundation for planning and to outline related infrastructure needs for the initial LTM service offering. Based on this, the necessary infrastructure will be developed to underpin the planned LTM services and growth strategy, including but not limited to the LTM Web Space, LTM Project Environment, LTM App Development Environment and LTM Code Library Environment. Additional core LTM RFCs will also be produced as referenced in PA I.

Task 2.2: Training (Q4 2020 Q4 2021) - LTM Coordination Team

Education is a core pillar of the LTM growth strategy, specifically in terms of introducing the concept outlined in RFC-0005, successful onboarding new projects, formation of the Time Machine Development Team and in the production of related RFCs. To this end, an RFC on LTM Training will be produced in Q4 2020 to be followed by a progressive roll-out of Time Machine Academies in 2021.

Task 2.3: Stakeholder Engagement (Q4 2020 – Q4 2021) – LTM Manager, Communication Team

Consistent communication with and engagement of internal and external stakeholders, including the dissemination of LTM project news and results. Key outputs for 2020-2021 will be to provide the necessary information to PA V and PA VI to support campaigns and other growth activities related to the launch and continuous promotion of the LTM Webspace, LTM Project Environment and LTM Academies.

### Deliverables:

D2.1 LTM Webspace (Q4 2020): output of Task 1.1, providing the process and platform for the production of RFCs.

D2.2 LTM Project Environment (Q4 2020): output of Task 2.1, launch of the LTM Project Environment

D2.3 LTM App and Code Library Environment (Q3 2021): output of Task 2.1, launch of the LTM App & Code Library Environment.

D2.4 LTM Academy Events (Q1-Q4 2021): output of Task 2.2, delivery of both virtual and in-person LTM Academy Events.

### I. Project Scouting Services and Cooperation

### Targeted Results

1) Successful integration of the TMO into relevant consortia / project initiatives and driving of revenue for TMO operations as well as roadmap implementation

2) Successful and widely known support of TMO member-driven applications

3) Successful communication of TMO related topics into all major European funding initiatives and early awareness of funding related developments

4) Established and efficient workflows, instruments, capacities and structures for operation

5) Profitable operation (in terms of additionally generated revenues)

### Responsibility

Sander Münster, Project Scouting Team

### Resources:

TMO Core Staff, TM Ambassadors

### Planning of work

Continuous follow-up of tender opportunities for TM related topics

Screening and association of identified opportunities to specific parts of the TM agenda

Making processed information available to TM partners

Taking initiative to form plans for consortia and strategies to exploit the identified opportunities

### Actions and timing:

Task 3.1: Planning and Capacity Development (Q4-Q4 2020) - Project Scouting Team

Development of project scouting workflows, building and maintaining an overview of current of tender opportunities for topics related to the TM Agenda, development of project partnering scheme workflow & model agreement, and prototyping of mechanisms to utilize regional/LTM's projects funding.

Task 3.2: Facilitate the TMO's Participation in Project Proposals (Q4 2020 - Q4 2021) – Project Scouting Team

Drive the TMO's participation in relevant calls by providing expert input/information, drafting/preparing WP/task content, preparing budget/resource related planning and coordination of work between TMO and consortia.

Task 3.3: Provide Preparation Support Services for TMO Member's Project Proposals (Q4 2020 – Q4 2021) – Project Scouting Team

Support TMO members with their projects by providing guidance on rules and procedures for proposal preparation and submission, finding partners, building consortia, project pre-evaluation and project writing support.

Task 3.4: Stakeholder Engagement (Q4 2020 – Q4 2021) – Project Scouting Team, Communication Manager

Consistent communication and engagement with the TMO community and promotion of benefits both internally and externally. Key elements include calls for partnership in TMO driven project proposals, information on mapped calls, events, lobbying of policy makers and funding bodies, dissemination of best practices and success stories and promotion of Project Scouting services to both TMO members and the public.

### Deliverables:

D3.1 TMO involvement in relevant proposals/projects (Q4 2020 - Q4 2021): output of Task 3.2, proposals and projects with direct TMO involvement, to be monitored and reported bi-weekly to ensure alignment of related activities across PAs.

D3.2 Support of TMO member proposals/projects (Q4 2020 – Q4 2021): output of Task 3.3, proposals and projects benefiting from Project Scouting services, to be monitored and reported bi-weekly to ensure alignment of related activities across PAs.

### V. Third Party Services

### Targeted Results

1) Develop services to Third Parties by exploiting TMO know-how in different aspects related to digitisation of Cultural Heritage

2) Promote such services to interested Third Parties and secure contracts

3) Implement service contracts enabling TMO to increase its awareness and resources for future work

#### Responsibility

Thomas Aigner, Andreas Maier, Sander Münster

#### Resources

Schuman Associates S.C.R.L, TMO Core Staff, TM Ambassadors, TM Experts

### Planning of work

Planning and Implementation of Feasibility Studies and corresponding Consulting Activities, such as:

- Consulting Studies aiming to define specific sub-programmes related to Cultural Heritage in different initiatives at EU level (Horizon Europe, Digital Europe, etc.)
- Consulting on Cultural Heritage digitisation programmes that nations / regions / institutions wish to launch
- Feasibility Studies on the use of TM technology
- Feasibility Studies on the development of LTMs
- Feasibility Studies on the benefits of LTMs for a city / region / thematic area

Identification of relevant target groups:

- national/regional authorities in cultural heritage
- national/regional authorities in charge of research and innovation
- associations or isolated organisations in the GLAM sector
- other stakeholders involved in digital approaches in relation to Cultural Heritage

#### Actions and timing

Task 4.1: Study of the TMO's Capacity for Service Provision (Q4 2020) - Third Party Services Team

Define the TMO's capacity to provide relevant services that can be realistically promised during the business development exercise.

Task 4.2: Prepare offers of Third Party Services (Q4 2020) - Third Party Services Team

Package and organise the promotion of certain services, including the definition of basic rules for funding (coordination costs for TMO, any share for service promoters,...)

Task 4.3: Opportunity follow-up and contract negotiation (Q4 2020 – Q4 2021) – Third Party Services Team

Follow-up of opportunities and negotiation of contracts with prospective third party clients.

Task 4.4: Project implementation (Q4 2020 - Q4 2021) - Third Party Services Team

Execution of contracts for third party consulting projects, including follow-up of services and quality control.

Task 4.5: Stakeholder engagement (Q4 2020 – Q4 2021) – Project Scouting Team, Communication Manager

Promotion of third party services externally via the TMO network, including dissemination of success stories and testimonials

### Deliverables:

D4.1 TMO third party services capacity (Q4 2020): output of Task 4.1, report on the capacity of the TMO community to provide third party services and demand, to serve as the basis for the overall offer.

D4.2 TMO offer of third party services (Q4 2020): output of Task 4.2, detailed offer of third party services.

D4.3 Executed projects (Q1 2021 – Q4 2021): output of Task 4.4, projects benefiting from Project Scouting services, to be monitored and reported bi-weekly to ensure alignment of related activities across PAs.

### Dissemination

#### Targeted Results

1) Facilitate exchange and effective communication of TMO community

2) Raise awareness of TM progress, results, benefits etc

3) Foster engagement of relevant communities

4) Facilitate communication between TM network and external parties

### Responsibility

Caroline Maximoff, Executive Board

### Resources

TMO Core Staff, TMO Members, TM Ambassadors

### Planning of work

Continuous interaction with PAs I, II, III and IV to obtain information about developments and achievements

Organisation of TM Conferences and other public events

Production of information material and providing content for newsletters

### Actions and timing

Task 5.1: Dissemination materials (Q4 2020) – Communications Team

Building on the set materials created during the CSA, the general dissemination materials will be assessed and updated as needed, with new materials created to ensure effective promotion of LTM services, Project Scouting services and Third Party services. This includes digital and print items (e.g. fact sheet), the timemachine.eu website and other graphic content.

Task 5.2: Time Machine 2020 Conference (Q4 2020) – Communication Team

Strategic planning of the content and programme for and delivery of the TM 2020 conference, including a series of preparatory webinars.

Task 5.3: Time Machine 2021 Conference (Q4 2021) – Communication Team

Strategic planning of the content and programme for and delivery of the TM 2021 conference.

### Deliverables:

D5.1 Dissemination materials (Q4 2020, Q2 2021, Q4 2021): output of Task 5.2, review and updating of existing dissemination and promotion materials and creation of new materials in line with TMO objectives and service offering.

D5.2 Time Machine 2020 (Q4 2020): output of task 5.3, organising and hosting of the TM 2020 conference.

D5.3 Time Machine 2021 (Q4 2021): output of task 5.3, organising and hosting of the TM 2021 conference.

### /I. Communication

### Targeted Results

1) Enlargement of the TMO membership base

2) Raise awareness of TMO among policy makers and potential stakeholders

### Responsibility:

Caroline Maximoff, Julia Noordegraaf, Thomas Aigner

### Resources:

TMO Core Staff, TM Ambassadors, TM Executive Board Members, TMO Members

### Planning of work

Development of a communication plan and strategy and monitoring mechanism

Campaigns supporting lobbying for funding opportunities

Campaign supporting establishment of strategic partnerships

Campaign promoting services aimed at enlarging the membership base

### Actions and timing

Task 6.1: Planning & strategy (Q4 2020) – Communications Team

A communication plan and strategy will be developed to ensure the effective promotion of TMO benefits and services, community engagement and the targeted distribution of results. Identification of target groups, core messages, pertinent measures to reach each group, a time plan and measurable sets of KPIs will be included. The strategy will be based on that used in the TM CSA, ensuring continuity and taking into account lessons learned.

Task 6.2: Public / key stakeholder engagement (external) (Q4 2020 - Q4 2021) - Communications Team

Making use of the materials provided by PA V Dissemination, this ongoing task will be to make use of all appropriate channels – including email, print, web, webinars, social media, SEA, interviews, events and others – to raise broader awareness of the TMO, its activities and their related benefits. This will also include targeted campaigns to lobby for funding on behalf of the TMO and its members and to grow the TMO member base. Regular monitoring will ensure that KPIs can be reached and that adjustments can made on a timely basis, including SEO for the TM website.

Task 6.3: Community engagement (internal) (Q4 2020 - Q4 2021) – Communications Team

Making use of the materials provided by the dissemination priority area, this ongoing task will be to make use of all appropriate channels – including email, print, web, webinars, social media, SEA, interviews, events and others – to engage with and to inform the TMO community of relevant news, progress, opportunities and benefits. This will also include targeted campaigns to promote TMO services and thus encourage member involvement. Regular monitoring will ensure that KPIs can be reached and that adjustments can made on a timely basis.

### Deliverables:

D6.1 Communication strategy (Q4 2020): output of Task 5.1, presenting the communication strategy as outlined.

D6.2 External communication activities & campaigns (Q4 2020 - Q4 2021): output of Task 6.2, review and updating of existing dissemination and promotion materials and creation of new materials in line with TMO objectives and service offering.

D6.3 Internal communication activities & campaigns (Q4 2020 - Q4 2020): output of task 6.3, hosting of the TM 2020 conference.

# 4 Services for TMO members

The TMO strives to deliver high quality and relevant services to its members with the overarching goal of strengthening the Time Machine Community's ability to develop, implement and promote projects and research initiatives in relation to Time Machine, to obtain funding and achieve the greatest impact for their activities, research results and deliverables.

TMO offers support for:

- potential projects by finding suitable calls, building consortia and developing proposals.
- existing projects by integration into the Local Time Machine (LTM) network, knowledge sharing and enhancing the visibility of project outcomes

Two of our Priority Areas focus on specific services for our members:

### Project Scouting Services (PA III)

TMO Project Scouting Services are designed to support Founding and Regular TMO members with launching potential projects which fall within the TM's scope, including identifying suitable calls, finding partners/building consortia and ultimately producing winning proposals.

Depending on the membership level, benefits for members with potential projects include:

- Identifying suitable funding schemes and opportunities
- Matchmaking with potential partners
- Assistance with proposal writing
- Potential for TMO involvement in proposal/project where appropriate/relevant (letter of support or active role such as managing coordination or communications)

### Local Time Machine (LTM) Services (PA II)

LTM Services are designed to support Founding and Regular TMO members in ensuring that their projects integrate into the TM ecosystem and that the potential impact of their work is maximised. As part of the LTM Priority Area, an LTM Webspace and Project Environment will be made available.

The LTM development strategy aims to intercept the needs of the TMO community to build a common infrastructure and of the larger community of members to have access to specific services. The LTM services offer takes into account different types of needs of institutions and individuals already involved in the community but also of institutions and stakeholders that we want to reach. Benefits for members include the integration of their past and existing projects in the LTM Project Environment, which enables:

- Integration of your project into a LTM and thus into the broader TM ecosystem, ensuring compatibility with other projects.
- Collaboration and knowledge sharing with other members.
- Access to tools produced within other LTM projects
- Access to the LTM Code Library Environment
- Access to App Development Environment
- Enhanced visibility and impact from inclusion in TMO communication activities where relevant/appropriate (social, newsletter, events)
- \* Training and networking opportunities via LTM Academy events
- Dedicated support in the above items provided by the TMO's LTM manager

The LTM Coordination team will develop guidelines in the form of charts (Technical; Ethical; Copyrights Statement, etc.) in parallel and in coherence with the proposition issued by RFCs (RFC on Technical Charter, RFC on Vision Mission and Values, RFC on Intellectual Property Rights and Licences) specifying the requirements for the inclusion of a project in the LTM Project Environment and support members in the process.

### Communication (PA VI)

TMO members are invited to proactively request that relevant news and information from their projects be included in TMO communication activities, which will help to increase their public visibility.

# 5 TMO Governance

In the TMO organigram, a General Assembly (GA) is the highest decision making body, where all TMO partners participate as voting members. An Executive Board is tasked with decision making with regards to strategy and operational direction.

The General Assembly is in charge of the overall strategy and governance. The Executive Board has responsibility for the implementation of the TMO strategy, while the TMO President undertakes overall management and interaction with external stakeholders, including the funding organisations.

Roles, responsibilities and names (approved at the GA) are shown in Table 5-1.

Position	Responsibility	Name
President	<ul> <li>Acts as the chairperson at the GA and in the Executive Board</li> <li>Conducts all current business of the Association</li> <li>Represents the Association to the public</li> <li>Develops strategic partnerships</li> <li>Maintains high-level contacts with major funding bodies</li> </ul>	Frédéric Kaplan
Vice President – relations to DH institutions/ scholarship and education		Julia Noordegraaf
Vice President – relations to political stakeholders, Europeana network and Archives Portal Europe	• Support the president in all current business related to VP portfolio	Harry Verwayen
Vice President – relations to archival institutions / governance and communication		Thomas Aigner
Treasurer	<ul> <li>Financial conduct of the Association in cooperation with the Executive Director</li> <li>Prepares the Association's annual accounts and assets of the past fiscal year</li> </ul>	Robert Sablatnig
Deputy Treasurer	• Supports the Treasurer in his/her duties	Valérie Gouet-Brunet <sup>4</sup>
Secretary	<ul> <li>Legal transactions with third parties</li> <li>Preparing the minutes of GA and Executive Board meetings</li> <li>Convocation of the GA and summoning of the regular and extraordinary assemblies of the GA and Executive Board in cooperation with the president</li> </ul>	Sander Münster <sup>5</sup>

### Table 5-1: Roles, responsibilities and current nominations

<sup>&</sup>lt;sup>4</sup> Also, co-opted member in charge of territories / geography

<sup>&</sup>lt;sup>5</sup> Also, co-opted member in charge of outreach and innovation/business development/partnerships with third parties

Position	Responsibility	Name
Deputy Secretary	Supports the Secretary in his/her duties	Dorit Raines <sup>6</sup>
Co-opted – Chief Officer for Science and Data		Andreas Maier
Co-opted – Chief Officer for Local Time Machines		Isabella di Lenardo
Co-opted – GLAM	Strategic coordination of activities related to his/her domain of expertise	To be nominated
Co-opted – Creative Industries		To be nominated
Co-opted – Policy, legal ethical issues, open data		To be nominated
		Tomi Ahoranta
Arbitration Panel	• Examination of arbitration cases escalated to the General Assembly	Lousiane Ferlier
	<ul> <li>Recommendations for addressing arbitration cases</li> </ul>	Karina Gibert
Programme Manager	<ul> <li>Responsible for overall management and coordination of TMO activities across priority areas</li> <li>Communication with and reporting to the Executive Board to ensure overall programme planning, activities and deliverables progressing and remain aligned with strategic objectives.</li> <li>Responsibility for TMO finances (budget)</li> <li>Supporting and leading the Time Machine core staff</li> </ul>	Kevin Baumer
Head of Technical Infrastructure	<ul> <li>Responsible for TMO infrastructure</li> <li>Plans, acquires, maintains and further develops technical infrastructure</li> <li>Setting up and maintaining all communications infrastructure</li> <li>Supports external partners that use TM infrastructure</li> <li>Management of new infrastructures for projects</li> <li>Managing further development of existing websites and the creation of new sites for sub-projects / conferences and similar areas</li> </ul>	Daniel Jeller
Project Scouting & Business Development Manager	<ul> <li>Responsible for TMO funding and financing related activities</li> <li>Plans, supervises and develops the funding and financing related activities and structures of the TMO</li> <li>Management of the Project Scouting team</li> <li>Management of cooperation with external partners and reporting to the TMO board on Business Development and Funding</li> </ul>	Özkan Oguz / Supervisor: Selda Ulutas Aydogan

<sup>&</sup>lt;sup>6</sup> Also, co-opted member in charge of smart tourism/smart specialisation

Position	Responsibility	Name
Communication Manager	<ul> <li>Defines the communication and dissemination strategies in cooperation with the Executive Board</li> <li>Prepares and implements communication and dissemination action plans</li> <li>Is responsible for the availability of communication tools</li> <li>Develops relations with stakeholders in his/her sector of intervention</li> </ul>	Caroline Maximoff
Local Time Machine Manager	<ul> <li>Inventory state of the art of all existing/planned LTM's projects</li> <li>Map the community of active members, already involved in projects, and new potentials in the Local Time Machine density areas</li> <li>Communicate with the LTMs project community trying to understand trend needs (technical tools-building community-data publishing) to help TMO to better profile services and platforms</li> <li>Coordinates the organization of the Local Time Machine Academy events</li> </ul>	To be hired autumn 2020
Administration Manager	• Ensures proper running of the TMO offices, including invoicing, book keeping, members' management, staff administration etc.	Caroline Maximoff
	•	

# 6 Annex- TMO budgets for 2020-2021

6.1 Budget for 2020 (approved by the General Assembly in February 2020)

## TMO Budget 2020

Total

(Approved at TM GA Feb. 2020) 01.03.2020-31.12.2020

. EXPENS	SES						II. INC	OME						LOSS/PROFIT
Nr.	Category	Position	Period	%	Amount	Total	Nr.	Category	Position	Amount	#	Amount 2	Total	
1	Staff					€ 253 750	1	Membershi	p fees				€ 429 000	€ 181 250
1.1.		Executive Director (3M)	Oct-Dec	100	22 500		1.1.		Entrance new founding 2019, 2020	€ 10 000	26	€ 260 000		
1.2.		Programme manager	Mar-Dec	50	37 500		1.2.		Annual new founding 2019	€1000	21	€ 21 000		
1.3.		Project scounting/business development	Apr-Dec	100	55 000		1.3.		Annual new founding 2020	€ 2 000	26	€ 52 000		
1.4.		Communication and community management	March-Dec	100	55 000		1.4.		Annual CSA founding 2020	€ 3 000	2	€ 6 000		
1.5.		Head of technical infrastructure	March-Dec	50	27 500		1.5.		Annual regular 2019	€ 250	100	€ 25 000		
L.6.		Local TM manager	March-Dec	75	41 250		1.6.		Annual regular 2020	€ 500	130	€ 65 000		
1.7.		Bookkeeping, secretary	March-Dec	50	15 000									
	External servi	ices				€ 78 000	2	Public subsi	dies				€ 138 000	
.1.		Schuman project consulting			€ 30 000		2.1.		Ministry of science (AT)			€ 100 000		
.2.		Audit/bookkeeping company			€ 5 000		2.2.		Vienna city council (AT)			€ 38 000		
.3.		Social Media assistance			€ 20 000									
.4.		Press officer (regular press releases)			€ 8 000		3	Other					€ 30 000	
.5.		IT-infrastructure (servers, webspace etc.)			€ 15 000		3.1.		TM Consulting services			€ 30 000		
(in	Material					€ 15 000	Total						€ 597 000	
.1.		Advertising material (printing, distribution)			€ 10 000									
3.2.		Representation expenses			€ 5 000									
	Office					€ 14 000								
.1.		Rent, electricity, heating, internet etc.	March-Dec		€ 14 000									
	Travel					€ 15 000								
5.1.		Lump sum			€ 15 000									
. )	Other costs					€ 40 000								
5. <mark>1</mark> .		Contingencies			€ 40 000									

€ 415 750

## 6.2 Updated Budget for 2020 (to be presented to the General Assembly in November 2020)

### TMO Budget

(Update for GA Approval Nov. 2020) 01.03.2020-31.12.2020

#### I. EXPENSES

Staff								
							€ 273 750	€ 129 900
	Yes	Executive Director (3M)	Oct-Dec	100	22 500	0		
	Yes	Programme manager (Kevin Baumer)	May-Dec	50	37 500	36 000		
	Yes	Project scouting/business development	Apr-Dec	100	55 000	0		
	Yes	Communication and community management (K. Muff)	March-May	100	55 000	21 000		
	Yes	Communication and community management (C. Maximo	June-Dec	50	0	15 000		
	Yes	Head of technical infrastructure (Daniel Jeller)	March-Dec	50	27 500	25 000		
	Yes	Local TM manager (??)	Nov-Dec	75	41 250	18 900		
	Yes	Book keeping, secretary (C. Maximoff)	March-Dec	15	15 000	8 000		
	Yes	Social Media assistance (A. Telek)	March-Dec	25	20 000	6 000		
External ser	vices						€ 58 000	€ 101 27
	No	Schuman project consulting			€ 30 000	€ 52 635		
					€ 5 000			
					€0	€0		
					€ 8 000	€6000		
			July-Dec					
						€9636		
	No		June-Dec			€ 25 000		
Material							€ 15 000	€400
	No	Advertising material (printing, distribution)			€ 10 000	€1000		
	No		th events etc.)		€ 5 000	€3000		
Office							€14000	€ 14 00
	Yes	Rent, electricity, heating, internet etc.	March-Dec		€ 14 000	€ 14 000		
Travel							€ 15 000	€ 5 000
	No	Lump sum			€ 15 000	€5000		
Other costs							€ 40 000	€ 10 000
	No	Contingencies			€ 40 000	€ 10 000		
Total							€ 415 750	€ 264 17
	Yes						€ 307 750,00	€ 147 900,0
	No						€ 108 000,00	€ 116 271,0
	Material Office Travel Other costs	Yes Yes Yes Yes Yes Xes No No No No Material No No Office Yes Travel No Other costs No Yes	Yes       Communication and community management (K. Muff)         Yes       Communication and community management (C. Maximu         Yes       Head of technical infrastructure (Daniel Jeller)         Yes       Local TM manager (??)         Yes       Book keeping, secretary (C. Maximoff)         Yes       Social Media assistance (A. Telek)         External services       Image: Company         No       Schuman project consulting         Yes       Audit/bookkeeping company         No       Social Media assistance> shifted to internal staff         No       Press officer (regular press releases)         Yes       Ti-infrastructure (servers, webspace etc.)         No       External communications support (PA IV, V)         No       CSA Schuman Payment Transfers         No       Project Scouting DE         Material       No         No       Representation expenses (various costs in connection with other strain strain strain strain (printing, distribution)         No       Lump sum         Other costs       No         No       Contingencies         Total       Yes	Yes     Communication and community management (K. Muff)     March-May       Yes     Communication and community management (C. MaximcJune-Dec       Yes     Head of technical infrastructure (Daniel Jeller)     March-Dec       Yes     Local TM manager (??)     Nov-Dec       Yes     Social Media assistance (A. Telek)     March-Dec       External services	Yes     Communication and community management (K. Muff)     March-Dec     50       Yes     Head of technical infrastructure (Daniel Jeller)     March-Dec     50       Yes     Local TM manager (??)     Nov-Dec     75       Yes     Book keeping, secretary (C. Maximoff)     March-Dec     10       Yes     Social Media assistance (A. Telek)     March-Dec     15       Yes     Social Media assistance (A. Telek)     March-Dec     15       External services     Ves     Audit/bookkeeping company     March-Dec     15       No     Schuman project consulting Yes     Audit/bookkeeping company     March-Dec     25       No     Schuman project consulting Yes     Ti-infrastructure (servers, webspace etc.)     March-Dec     10       No     External communications support (PA IV, V)     July-Dec     July-Dec       No     External communications support (PA IV, V)     July-Dec       No     External communications support (PA IV, V)     July-Dec       No     External communications support (PA IV, V)     July-Dec       No     Representation expenses (various costs in connection with events etc.)       Office     Yes     Yes       No     Lump sum       Other costs     No     Contingencies       Total     Yes <td>Yes       Communication and community management (K. Muff)       March-Dec       50       0         Yes       Communication and community management (C. Maximc/une-Dec       50       0         Yes       Head of technical infrastructure (Daniel Jeller)       March-Dec       50       27 500         Yes       Local TM manager (??)       Nov-Dec       75       41 250         Yes       Book keeping, secretary (C. Maximoff)       March-Dec       15       15 000         Yes       Social Media assistance (A. Telek)       March-Dec       15       20 000         External services        € 30 000       Yes       6 000       Yes       6 000       Yes       6 000       Yes       6 000       Yes       9 000       Yes       9 000       9 0</td> <td>Yes         Communication and community management (K. Muff)         March-May         100         55 000         21 000           Yes         Communication and community management (K. Muff)         March-Dec         50         0         15 000           Yes         Head of technical infrastructure (Daniel Jeller)         March-Dec         50         27 5 00         28 000           Yes         Local TM manager (??)         Nov-Dec         75         41 250         18 900           Yes         Book keeping, secretary (C. Maximoff)         March-Dec         15         15 000         8 000           Yes         Social Media assistance (A. Telek)         March-Dec         25         20 000         6 000           External services          € 500         € 52 00         € 500         € 20 000         6 00         6 0</td> <td>Yes         Communication and community management (K. Muff)         March-May         100         55 000         21 000           Yes         Communication and community management (C. Maximulune-Dec         50         0         0         15000           Yes         Head of technical infrastructure (Daniel Jeller)         March-Dec         75         41 250         18 900           Yes         Book keeping, secretary (C. Maximoff)         March-Dec         15         15 000         6000           Yes         Book keeping, secretary (C. Maximoff)         March-Dec         15         15 000         6000           Yes         Schuidi assistance (A. Telek)         March-Dec         15         15 000         6000           No         Schuidi assistance (-&gt; shifted to internal staff         € 30 000         € 52 030         € 600           Yes         Aduit/bookkeeping company         € 58 000         € 600         € 0         € 0           No         Social Media assistance (-&gt; shifted to internal staff         € 0         € 0         € 0         € 0           No         Social Media assistance (-&gt; shifted to internal staff         € 1000         € 1000         € 1000         € 1000         € 9536           Yes         Advertising material (printing, distribution)         K € 10</td>	Yes       Communication and community management (K. Muff)       March-Dec       50       0         Yes       Communication and community management (C. Maximc/une-Dec       50       0         Yes       Head of technical infrastructure (Daniel Jeller)       March-Dec       50       27 500         Yes       Local TM manager (??)       Nov-Dec       75       41 250         Yes       Book keeping, secretary (C. Maximoff)       March-Dec       15       15 000         Yes       Social Media assistance (A. Telek)       March-Dec       15       20 000         External services        € 30 000       Yes       6 000       Yes       6 000       Yes       6 000       Yes       6 000       Yes       9 000       Yes       9 000       9 0	Yes         Communication and community management (K. Muff)         March-May         100         55 000         21 000           Yes         Communication and community management (K. Muff)         March-Dec         50         0         15 000           Yes         Head of technical infrastructure (Daniel Jeller)         March-Dec         50         27 5 00         28 000           Yes         Local TM manager (??)         Nov-Dec         75         41 250         18 900           Yes         Book keeping, secretary (C. Maximoff)         March-Dec         15         15 000         8 000           Yes         Social Media assistance (A. Telek)         March-Dec         25         20 000         6 000           External services          € 500         € 52 00         € 500         € 20 000         6 00         6 0	Yes         Communication and community management (K. Muff)         March-May         100         55 000         21 000           Yes         Communication and community management (C. Maximulune-Dec         50         0         0         15000           Yes         Head of technical infrastructure (Daniel Jeller)         March-Dec         75         41 250         18 900           Yes         Book keeping, secretary (C. Maximoff)         March-Dec         15         15 000         6000           Yes         Book keeping, secretary (C. Maximoff)         March-Dec         15         15 000         6000           Yes         Schuidi assistance (A. Telek)         March-Dec         15         15 000         6000           No         Schuidi assistance (-> shifted to internal staff         € 30 000         € 52 030         € 600           Yes         Aduit/bookkeeping company         € 58 000         € 600         € 0         € 0           No         Social Media assistance (-> shifted to internal staff         € 0         € 0         € 0         € 0           No         Social Media assistance (-> shifted to internal staff         € 1000         € 1000         € 1000         € 1000         € 9536           Yes         Advertising material (printing, distribution)         K € 10

updates / additions 2020

ICON											LOSS/PROFIT	
Nr.	Category	Position	Amount	# Feb. 2020	Feb. 2020	# corrected	# payments	Updated Amount	Feb. 2020 Total	Updated Total	Current	Updated
1	Membership	fees							€ 429 000	€ 310 500	€ 181 250	€ 146 32
1.1.		Entrance new founding 2019, 2020	€ 10 000	26	€ 260 000	22	21	€ 210 000				
1.2.		Annual new founding 2019	€1000	21	€ 21 000	20	19	€ 19 000				
1.3.		Annual new founding 2020	€2000	26	€ 52 000	22	15	€ 30 000				
1.4.		Annual CSA founding 2020	€ 3 000	2	€6000	2	3	€7000				
1.5.		Annual regular 2019	€ 250	100	€ 25 000	92	58	€ 14 500				
1.6.		Annual regular 2020	€ 500	130	€ 65 000	96	60	€ 30 000				
1.7.		Outstanding payments						-€ 50 500				
2	Public subsidi	es							€ 138 000	€ 100 000		
2.1.		Ministry of science (AT)			€ 100 000			€ 100 000				
2.2.		Vienna city council (AT) cancelled due	to COVID19		€ 38 000			€O				
3	Other								€ 30 000	€0		
3.1.		TM Consulting services revenue in 2	021		€ 30 000			€0				
Total									€ 597 000	€ 410 500		

# 6.3 Preliminary Budget for 2021

### TMO Budget Draft 2021

(Preliminary 2021 Budget - Core Functions/Costs) 01.01.2021 - 31.01.2021

Contingencies (10%)

No

6.1.

. EXP	PENSES						II.	INCOM	E						LOSS/PROFIT
r.	Category	Fixed Cost	Position	Period	%	Amount	Total	Nr.	Category	Position	Amount	#	Current Amount	Current Total	Current
	Staff						€ 234 500	1	Membership fees					€ 132 500	€ 35 1
1.		Yes	Executive Director	Jan-Dec	50	€ 0,00		1.1.		Entrance new founding 2021	€ 10 000	0			
2.		Yes	Programme manager	Jan-Dec	50	€ 50 000,00		1.2.		Annual new founding 2021	€ 2 000	20			
3.		Yes	Project scouting/business development	Jan-Dec	50	€ 50 000,00		1.3.		Annual CSA founding 2021	€1750	30	€ 52 500		
4.		Yes	Communication and community management	Jan-Dec	50	€ 35 000,00		1.4.		Annual regular 2021	€ 500	80	€ 40 000		
5.		Yes	Head of technical infrastructure	Jan-Dec	50	€ 35 000,00									
6.		Yes	Local TM manager	Jan-Dec	75	€ 55 000,00		2	Public subsidies					€ 100 000	
7.		Yes	Book keeping, secretary	Jan-Dec	15	€ 9 500,00		2.1.		Ministry of culture / science (AT)			€ 100 000		
8.		Yes	Social Media assistance	Jan-Dec	25	€7500,00									
	External service	es					€ 60 500	3	Other					€ 162 329	
1.		No	Schuman consulting services			€ 12 500,00		3.1.		TM Consulting services			€ 16 000		
2.		Yes	Audit/Bookkeeping Company			€ 5 000,00		3.2.		Budget carried over from 2020			€ 146 329		
з.		Yes	IT-infrastructure (servers, webspace etc.)			€ 10 000,00									
4.		No	External communication services (graphic design, press re	eleases)		€ 8 000,00		Total						€ 394 829	
5.		No	Project Scouting (external services)			€ 25 000,00								and Decement	
	Material						€ 10 000								
L.		No	Advertising material including magazine (printing, distribution	ution)		€ 5 000,00									
2.		No	Representation expenses (various costs in connection with	h events)		€ 5 000,00									
	Office						€ 17 000								
1.		Yes	Rent, electricity, heating, internet etc.	Jan-Dec		€ 17 000,00									
	Travel						€ 5 000								
1.		No	Lump sum			€ 5 000,00									
	Other costs						€ 32 700								

€ 32 700,00

Total	€ 359 700
Yes	€ 274 000
No	€ 93 200