ICT - Information and Communication Technologies

D7.3.1: PROJECT PERIODIC REPORT

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– Support Action

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1. PUBLISHABLE SUMMARY

GINI-SA is a Support Action driven by the vision of a Personalized Identity Management ecosystem where people will control their own Individual Digital Identity (INDI) environment. Individual persons will have the ability to establish and manage personalized digital identities which they will own, linking them to verifiable and authoritative national data registries. They will be able to present their chosen, verified digital identity to other physical persons or legal entities with which they wish to establish trust relationships in order to perform transactions for personal, business or official purposes. They will also be able to attach them to messages and profiles.

GINI will address the individual persons' requirements and preferences for different contexts of administrative, business and social use. Respect and enhancement of privacy will determine that identity data handling and storing must be conditional to the terms of the identity holder. Work is addressing how trust relationships can be established and maintained, managed through a dynamic interface, where differentiation of services is driven by the demand and individuals' choices as to trust assurances. GINI will further examine the technological, legal, regulatory and privacy-related dimensions of the gap between the current state of the art and the vision for an INDI ecosystem beyond 2020.

The overall framework to be created will account for a market space capable of dynamically developing services for the handling and storage of identity data, based on the proportionality and minimization principles. Conditions for privacy will be greatly enhanced. The situation when identity retrieval is required by law, for fraud detection or conflict resolution, will require special considerations.

GINI will provide crucial building blocks by developing a research and implementation Roadmap, forecasting developments and suggesting initiatives to be undertaken, mainly by the research community but driven by institutional stakeholders.

INDI services will be supported by Operators acting as professional and diversified Service Providers which the individuals can choose without being locked into them, but having the ability to move between them. The emergence of such Operators, offering choice to individuals, will form a key part of the required infrastructure. GINI will study the legal and regulatory requirements for the establishment of such Operators in the EU and will make relevant recommendations in a White Paper.

GINI-SA will devote significant effort to engagement and dissemination activities. It will consult with all relevant EU stakeholders in the research community, institutional actors in the EC and Member states, the industry, and grass-roots NGOs representing end-users. GINI

will further act as a forum for constructive discussion and establishment of consensus on the content and priorities of the research and implementation agenda of the next 10-20 years, its findings representative of the wider constituency of the digital identity management domain.

GINI-SA aims to concentrate its activities around the following objectives:

1. Determine the requirements for a new generation of user-centric identity management service architecture, so as to enable the development of new, networked consumer services.

2. Identify and promote the emergence of models for business provision and societal use of user-centric identity management services, which are capable of enhancing privacy and citizens' rights.

3. Identify, establish and justify the need for legal and regulatory frameworks for the next generation Operators (Identity Service Providers and Validation Services) in the European consumer service landscape.

4. Create a community of interest and practice around the INDI concept by engaging all relevant actors, stakeholders and initiatives in the sector, to promote awareness raising and international cooperation and consensus on standardization, accreditation, regulatory supervision and social acceptance of user-centric identity management services.

5. Suggest a framework for the interconnection and cross-fertilisation among current initiatives at the national and EU-level, with major emphasis on European Commission-supported ones.

6. Develop a roadmap of longer-term, implementation-oriented research activities that will drive the next research agenda of institutional stakeholders and engage the research community with the Commission and other EU and nation al level institutional stakeholders as well as the industry.

7. Derive policy recommendations for the national and the EU level policymakers, on the way forward to create the institutional framework required for the emergence of INDI operators.

The consortium of GINI-SA consists of 7 partners. Each partner contributes its own particular skills and expertise and has a critical role in the project. Partner expertise smoothly complements each other and all together form the full set of capabilities to lead GINI-SA to success. The GINI-SA consortium has been constructed in such a way that it is capable of jointly managing all activities and risks involved in all project stages.

Part. no.	Participant organisation name	Part. short name	Country
1.	International Organisation for Knowledge Economy and Enterprise Development (Coordinator)	IKED	Sweden
2.	Fraunhofer Institute for Software and Systems Engineering	FhG/ISST	Germany
3.	Katholieke Universiteit Leuven	KUL	Belgium
4.	Technische Universitaet Graz	TUG	Austria
5.	Johann Wolfgang Goethe-Universität Frankfurt	GUF	Germany
6.	GOVERNMENT TO YOU	Gov2U	Greece
7.	NorthID Oy	NorthID	Finland

The activities of GINI-SA are shared between the partners and divided into seven different work packages.

Part. No	Work Package title	Type of activity	Lead participant short name	Person months	Start month	End month
WP1	The GINI Conceptual Framework	SUPP	IKED	7,25	1	6
WP2	The Technology Dimension of the INDI Domain	SUPP	FhG/ISST	10	3	12
WP3	The Legal and Regulatory Dimension of the INDI Domain	SUPP	KUL	11,5	1	15
WP4	The Privacy Dimension of the INDI Domain	SUPP	GUF	10,75	4	12
WP5	Synthesis and Recommendations	SUPP	TUG	13	13	24
WP6	Stakeholder Engagement, Constituency Building and Dissemination	SUPP	IKED	12	1	24
WP7	Project Management	MGT	IKED	6	1	24

During the first project year, all WPs (expect WP5 which starts in the second year) have been initiated and progressed in a satisfactory way towards the stated objectives. The following points summarize the progress per work package.

- In WP1, the GINI conceptualization was developed against a background of current state-of-art and future vision of INDI services. The conceptualization work in D1.1 drove work throughout the first year and WP1 was extended in time in order to serve as an internal forum of discussion and consolidation of all technological, legal and privacy issues which were relevant to WP2, WP3 and WP4 as well. D1.1 captures all aspects of the GINI vision encapsulated in the INDI vision.

- In WP2, the architectural aspect of the envisioned INDI ecosystem was developed, with D2.1 presenting the high-level technical architecture and its building blocks, whilst D2.2 captures a series of current gaps that require further research. D2.2 is a "living document" that will stay open during the second project year as work continues in other areas, for more gaps to be captured and documented therein, feeding input to roadmapping work that is planned for Year 2 within WP5

- In WP3, the legal requirements of INDI service provisioning were captured and described against the background of current legal frameworks in the national and EU domains. This work was documented in D3.1, which forms the basis for further work in Tear 2 on the outline of future governance within the INDI ecosystem, addressing the question of whether a need for regulatory and/or other initiatives and interventions are necessary in order to enable the emergence of INDI services and Operators that support INDI-based consumer services

- In WP4, the privacy aspects of the INDI ecosystem and the privacy requirements for the establishment of trust relationships and the enablement of INDI-based services was described. This work has been captured in D4.1. Further work in Year 2 will be complete the Privacy Framework for INDI service provision

- In WP6, the GINI Engagement Strategy was formulated in order to provide a baseline for efficient dissemination, which is a fundamental activity in any Coordination and Support Action. The success of stakeholder engagement, constituency building and dissemination for GINI-SA is based on contributing both in the short and long term. Therefore, careful and early planning of dissemination activities is of utmost importance. During the reporting period, the website was created (www.gini-project.eu). Also, all GINI-SA members linked their web pages with GINI-SA web site. GINI-SA was present in several events which gave opportunities to engage particular constituency groups, mainly government (around the STORK community) and R&D (mostly around the Effectsplus

clustering initiative in the Trust and Security Area). As GINI has now honed its concept and developed its message, it is ready to undertake wider engagement activities with all relevant stakeholder groups during Year 2, and make sure that the project results take into account a body of opinion that is far wider than the GINI consortium team

- In WP7, project management went through the appropriate project coordination and activity management procedure as stipulated by the Grant Agreement, the Consortium Agreement and the DoW.