

SATW Project N°: SATW-2011-20

Aus Fusion mit SATW-2011-21/22/24 entstanden!

Project description (“Grobplanung” / “avant-projet”)

Blue text indicates comments and hints

Project title *	Complexity Management 2.0 - Au carrefour des ressources humaines, des « key competences for the knowledge society », de l'innovation, de la créativité, de l'évolution des ICT, des réseaux sociaux et des organisations apprenantes. « L'efficacité est un sous-produit de la lucidité »
Short title * (max. 50 characters)	Complexity Management 2.0
Originator/draftsman	Raymond Morel & Alain Sandoz, Reinhard Riedl, Michael Kaschewsky, Théo Bondolfi (Pour le Groupe de travail e-Society de la COM ICT)
Abstract * (max. 1000 characters)	<p>Se référer également aux avant-projets</p> <p>Complexity Management 2.0 (SATW 2011-20) https://team.satw.ethz.ch/commissions/projects/Shared%20Documents/SATW-2011-20_ComplexityManagement2_Morel.pdf People, Data, Internet - Fostering Open Innovation</p> <p>IFIS – Infrastructure For Information Societies (SATW 2011-21) https://team.satw.ethz.ch/commissions/projects/Shared%20Documents/SATW-2011-21_InfrastructureForInformationSoc_Riedl.pdf People, Data, Internet - Fostering Open Innovation</p> <p>ODIS – Open Data For Information Societies (SATW 2011-22) https://team.satw.ethz.ch/commissions/projects/Shared%20Documents/SATW-2011-22_OpenDataForInformationSoc_Riedl.pdf</p> <p>ePortfolio : management of netizen digital Identity & personal datas (SATW 2011-24) https://team.satw.ethz.ch/commissions/projects/Shared%20Documents/SATW-2011-24_DigitalID-PersonalData_Morel.pdf</p> <p>Ce projet fusionné se déroulera de la manière suivante :</p> <ul style="list-style-type: none"> • D'abord un thème général du Workshop « Complexity Management 2.0 » qui abritera comme sous-thèmes (notamment pour les Groupes de travail et les Study cases et in fine les recommandations) les trois autres composantes avec les propositions SATW 2011-21 , 22 et 24) • Pour chacun des 4 domaines nous avons commencé à dresser des listes de questions « légitimes » derrière les libellés du thème et des sous-thèmes cf. document joint • Elaboration de recommandations par secteur avec des liens entre eux • Discussion des résultats sur un Forum après le Workshop <p>En résumé ==> un Workshop traditionnel de type « Münchenwiler » avec son canevas si bien rôdé et efficace suivi d'un Forum</p>
Objective	<ul style="list-style-type: none"> • Prendre conscience des multiples composantes à expliciter qui interviennent pour gérer des systèmes complexes • Comprendre les diverses relations pour maîtriser le changement dans des environnements dynamiques

	<ul style="list-style-type: none"> • Expliciter les liens avec pérennité, innovations, généralisation, appropriation lors de développements pour la e-Society (Globalisation-Economie-citoyens) • Aborder le „couple-paradoxe“ dans les systèmes complexes actuels: malgré tous les efforts, „la sécurité diminue et la vulnérabilité augmente“ (K. Brunstein, President of IFIP, keynote at WCCE'2005) <p>Ce workshop qui demandera une préparation longue et soignée (2e semestre 2011) s'efforcera avec ses 4 temps traditionnels (réponses à quelques questions avant de venir, groupes de travail, exposés de Study cases concrets et pratiques, conférences) de mobiliser les participants activement et de comprendre, puis répondre aux questions des listes mentionnées ci-dessus et enfin d'imaginer les recommandations et les actions à entreprendre pour rentrer réellement dans la maîtrise de la complexité 2.0</p> <p>Ici aussi se référer également aux avant-projets</p>
Target groups *	<ul style="list-style-type: none"> • Decision-makers • Heads of Federal and Cantonal Offices • Entrepreneurs • Developers • Innovators • Délégués des institutions d'éducation scolaire, de formation tout au long de la vie et d'insertion socio-professionnelle • Enseignants • Formateurs
Justification Benefit for SATW (max. 400 characters)	<p>Ce projet s'inscrit dans les réflexions préalables au MJP 2012-2016), de certaines missions et de certains thèmes prioritaires de la SATW: <u>A partir du thème général SATW 2011-20</u></p> <ul style="list-style-type: none"> • détection précoce & transfert de connaissance, • éthique, • dialogue, • promotion de l'innovation, respectivement <ul style="list-style-type: none"> • stratégie technologique • société de l'information • techniques et société. <p><u>A partir du sous-thème SATW 2011-21</u> It is vital for future economic growth that all relevant stakeholders grasp that the lack of adequate infrastructures for the information economy is constraining potential business opportunities and future job creation. The SATW emphasized that mastering the challenges during the transition to the knowledge society is of utmost importance for the coming years. Supporting the transition to the E-Society and E-Economy in Switzerland is also of high importance for the federal government.</p> <p><u>A partir du sous-thème SATW 2011-22</u> The transition from the industrial to the information economy is well underway but not well understood. (1) It is vital for future economic growth to understand the data as raw materials for production in the information economy. Government agencies can support new business models and future job creation by releasing valuable information and allowing businesses and civic service organizations to develop new information services by combining and analyzing data from various sources. Mastering the knowledge society and transition to the E-Society and E-Economy are of high importance for SATW and the federal government.</p> <p>(1) Tim Kelly (Strategic Planning Unit, International Telecommunication</p>

	<p>Union) at European Council of Economists, Geneva, 27-28 January 2000.</p> <p><u>A partir du sous-thème SATW 2011-24</u></p> <ul style="list-style-type: none"> détection précoce & transfert de connaissance, parce que l'ePortfolio est une des clés de la compétitivité et de l'employabilité durable appropriation des usages innovants des technologies par la création d'une culture de l'ePortfolio comme fondement de l'e-inclusion 	
<p>Output *</p> <p>(check corresponding box(es) with „X“)</p>	X	Publication(s) SATW ICT Info après le Forum
	X	Event(s) Workshop Munchenwiler suivi d'un Forum sur les résultats
	X	<p>Other:</p> <ul style="list-style-type: none"> Diffusion bilatérale sur demande Activités sur site Web : résumé, recommandations (workshop) + Forum, synthèse, documentation (Forum) Project IFIS develops collaboratively with relevant stakeholders an infrastructure roadmap with joint policy and business recommendations as well as prototypical applications for use and evaluation by wider audiences. Through these activities, the project establishes an innovation network of information-intensive organizations in order to shape the future developments towards the information economy in Switzerland and beyond. Project ODIS identifies collaboratively with relevant stakeholders valuable public sector data and specifies a data release roadmap with joint policy and business recommendations as well as prototypical applications for use and evaluation by wider audiences. The project establishes an innovation network with information-intensive organizations in order to shape the future developments towards the information economy.
<p>Additional remarks</p> <p>(max. 500 characters)</p>	<p>Complex systems augmented by technology</p> <ul style="list-style-type: none"> Until recently, the memory of complex systems (i.e. the representation of their intrinsic informational characteristics), could only be managed by the small groups of humans that operated these systems. Nuclear physics is an example: a complex system whose memory is represented by a set of equations only few humans can understand and use to control the evolution of the system and its applications. Politics is another example, where historically a few gifted personalities were able to build and operate political systems that were often doomed once these persons had disappeared or their abilities had waned. Until recently, complex systems with no human memory in this sense were not manageable, and thus could spin out of control without notice. Today the significance of large systems is emerging.... However, the technologies that will be needed to master and augment complex systems, and make their underlying disciplines evolve faster and further as was possible until now are not yet established. Therefore, systematically researching today the ways in which systems will be augmented tomorrow by technology is a vital topic for Swiss scientific development. (<i>more info cf. SATW 2011-20</i>) <p>This proposal is a natural follow-up of the previous workshop of May 2010 on „Digital Identity, Trust and Confidence“ and generalizes some heavy concepts of basic infrastructures for the Information Society</p> <p>Ideas in this project are also useful for proposing a year 2011 for ICT in</p>	

* The contents of these fields will later be published on the SATW web pages

	<p>Switzerland with Transfertkolleg Kommission and KTI.</p> <p>Please notice that such national strategy is on the go in most European countries, and the regional Swiss initiatives are calling for such coordination vision & strategy proposal</p> <p>Ce projet bénéficie de toute une série d'activités récentes du Groupe de travail e-Society avec notamment le Workshop de mai 2010 sur „Digital Identity, Trust and Confidence“ dont il est aussi la suite logique http://www.ict-21.ch/com-ict/spip.php?rubrique3</p>
Additional file(s)	Questions-Workshop-Munchenwiler-2011-e-Soc-v4.doc

Detailed planning (“Feinplanung” / “plan détaillé”):

1. General part

(☞ in collaboration with SATW office)

Organisation (specify accountabilities)	Leading person: *	R. Morel	
	Project team: *	Members du Groupe de travail e-Society (COM ICT) (tbd)= to be defined	
	Contact person SATW office: *	G. von Arx	
	Partner: *	Intervenants pour workshop (conf + study cases) (tbd) 2 Modérateurs pour le Forum (tbd)	
	Steering committee:	Cf. Modèle de celui des 10 Forums 2010 → Lien-interface Organisation Workshop - Leadership Forums (tbd)	
	Others:	Hébergement Forums	
Timetable (individual steps)	Task	Responsible	Deadline
	Organisation et Déroulement du Workshop (modèle Münchenwiler jeudi 16h00 au vendredi 16h00, puis edition jusqu'au samedi 14h00) Forum suivi des recommandations	R. Morel) Steering committee) +) 2 modérateurs (tbd)	Après été 2011 sept-nov Oct-Nov-début Dec 2011
Overall project duration (from - to) *	Novembre 2010 – Novembre 2011		
Estimated man hours ¹	Total ² :	2130	
	Thereof voluntary:	2020	
Overall budget (CHF)	Travelling preparation-organisation Workshop 7x6x100.-=4200 Forums 3x6x100.- = 1800 (Avant – Pendant – Après)	6000	
	Board repas prep-organisation • Workshop 7x6x25.-=1050 • Forums 3x6x25.- = 450	1500	
	Lodging	0	
	Paid appointment(s)	0	
	Other service(s) divers	750	
	Total publications ³ added after the	11000	

¹ Only with regard to next year; information is asked for by State Secretariat for Education and Research SER

² Excluding work of SATW office

	20 th of August meeting at SG Valeur forfaitaire par expérience	
	Total events ³	18100
	Other: [description]	0
	Other: [description]	0
	Overall SATW	37350
	Sponsorship by others	0
	Total	37350
Date, author	26.09.2010, Raymond Morel	

³ Please copy from submission part „publications“ and/or „events“, respectively OR press CTRL+A, then F9

* The contents of these fields will later be published on the SATW web pages

Detailed planning (“Feinplanung” / “plan détaillé”):

2. Publications

(☞ in collaboration with SATW office)

Working title	Complexity Management 2.0	
Format (check corresponding box(es) with „x“)		Report
		Brochure
	x	Leaflet SATW ICT Info
		Digital Report
Main contributor(s)	tbd	
Editorial board	Project team + some experts	
Objectives		
Target groups	The initial ones + politicians + SATW individual members + SATW Members Societies + tbd SATW	
Abstract (max. 400 characters)	Idées et backgrounds de la problématique avec resultats et recommandations	
Timetable⁴	Kickoff meeting:	Après le workshop
	Intended delivery date:	2-3 mois après termination des forums?)
Edition/Language (e.g., 3000d/500f)	Copies:	750d / 250f (4 Seiten A4)
Budget publication (CHF)	Translation(s)	1500
	Layout	2500
	Print	3000
	Editorial services	3000
	Delivery costs	600
	Other paid appointment(s)	400
	Other service(s)	0
	Promotion	0
	Other: [description]	0
	Overall Publications⁵ added after the 20 th of August meeting at SG Valeur forfaitaire par expérience	
Additional remarks (max. 500 characters)	Communiqué de presse après le workshop et/ou après le Forum	
Additional file(s)	please specify document name or title and submit together with this form	

⁴ Further milestones in collaboration with SATW office

⁵ Please paste total to „Total publications“ field in “Overall budget” part OR press CTRL+A, then F9

Detailed planning (“Feinplanung” / “plan détaillé”):

3. Events

(☞ in collaboration with SATW office)

Working title		
Type of event (check corresponding box(es) with „x“)	x	Workshop
		Symposium
		“Abendveranstaltung”
		Debate
	x	Other: 1 interactive Forum
Leading person	Cf. Detailed planning 1. General part	
Organizing team	Cf. Detailed planning 1. General part	
Objectives	Cf. Detailed planning 1. General part	
Target groups	Cf. Grobplanung	
Timetable⁶	Kickoff meeting	Cf. Detailed planning1. General part
	Holding (from - to)	Cf. Detailed planning1. General part
Expected number of participants/visitors (check corresponding box(es) with „x“)	x	40 Workshop
	x	50-100 for the 4 Forums
Budget Event⁷	Rooms included in the Workshop forfait not relevant for the Forum	14000
	Equipment déplacement	250
	<ul style="list-style-type: none"> Workshop :3 Speakers 700.- each + depl 250.- each =2850 Forums 2 moderators x 500.- forfait = 1000 (2 languages) 	3850
	Board & Lodging included in the Workshop forfait not relevant for the Forum	0
	Flyer (layout/print/delivery)	0
	Other paid appointment(s)	0
	Other service(s)	0
	Overall events⁸	18100
Additional remarks (max. 500 characters)	Contact GvA	

⁶ Further milestones in collaboration with SATW office

⁷ Only register budgetary items that don't apply to the „Overall budget“ part

⁸ Please paste total of “Overall events” field to „Total events“ field in “Overall budget” part OR press CTRL+A, then F9