



ACTION PLAN FOR REGIONAL CENTER ON SARM AND SSM

- FINAL VERSION -

Project: SARMa, SEE AF/A/151/2.4/X-SARMA

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DELIVERABLE SUMMARY	
PROJECT INFORMATION	
Project acronym:	SARMA
Project title:	Sustainable Aggregates Resource Management
Contract number:	SEE AF/A/151/2.4/X – SARMA
Starting date:	1. 5. 2009
Ending date:	31. 10. 2011
Project website address:	www.sarmaproject.eu
Lead partner organisation:	Geological Survey of Slovenia
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DELIVERABLE INFORMATION	
Title of the deliverable:	feasibility study and action plan on regional centre
WP/activity related to the deliverable:	WP5 / Activity 5.4
Type (internal or restricted or public):	Public
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WP leader:	MUL
Activity leader:	GeoZS
Participating partner(s):	
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1. INTRODUCTION

The action plan for the Regional Centre on Sustainable Aggregates Resource Management (SARM) and Sustainable Supply Mix (SSM) is made as a deliverable for the SARMa project under activity 5.4, funded by South East Europe programme, contract No. SEE Eol/A/151/2.4/x.

The main purpose of the document, as stated also in the description of work of SARMa project, is to undertake an approximate list of activities and objectives that need to be undertaken to establish the new Center. They are presented in the table format, together with the goals that want to be achieved with such an activity, budget estimation and the responsibility to perform that activity. The action strategy includes also a SWOT analyses and the vision of the centre, developed already in the pre-feasibility study.

The Action plan should be read together with the pre-feasibility study for the new Center, which together represents the basic milestones in the development of the new Centre.

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2. SWOT ANALYSIS OF THE REGIONAL CENTER ON SARM AND SSM

<p>STRENGTHS</p> <ul style="list-style-type: none"> - high motivation of partners within SARMa project for such center and willingness to take part in it; - high willingness to participate as a partners in future projects similar to SARMa - a lot of already prepared information and promotional materials, created in the scope of SARMa project – continuation of the project - a high quality expert team already established - a lot of contacts with industry already established; - industry is interested in the related topics 	<p>WEAKNESS</p> <ul style="list-style-type: none"> - no one will be willing to coordinate in building of such centre - not enough funding after start-up period, causing a centre to decrease its activities (maybe only to the P1 part) or shut down completely;
<p>OPPURTUNITIES</p> <ul style="list-style-type: none"> - no such centre has been established in the EU yet; - high obscurity of the aggregates market currently acts in favour for a such centre; - high interest for such centre from different aggregate associations (like UEPG); - current EU legislation framework is in favour for minerals and recycling; - SARM is a recognised concept among stakeholder in the SE European area 	<p>THREATS</p> <ul style="list-style-type: none"> - companies wouldn't be interested to provide and refresh data; - new economical crisis, decreasing the civil construction activities; - politicians and decision-makers ignore the recommendations of the centre; - similar centres (already established, like BGS or USGS mineral centres, or some still inexistent EU centre founded by Brussels) take an vital role in providing the data;

3. VISION OF THE CENTER



In 4 years after establishment the Regional Centre for SARM and SSM will be recognized in European Countries as the leading institution for aggregate resources management with the widest database about the supply of aggregates (quantity, price, location, means of transportation, quality etc...), including more than 80% of aggregate producers in EU countries. With such a database it will represent the meeting point of demand and supply of aggregate resources, an educational and informative entity in support of regional, national and transnational spatial planning, a support for investors and policy makers, a research and development center where scientists may share their experience about natural resources and their management. It will have also a promotional role for the recycling of aggregates, the use of secondary aggregates and the sustainable use of natural

resources with the care of the environment. Most of the activities (especially in initial years) will be carried out on line, with the internet platform representing its core meeting point. It will be a non-profit and non-governmental institution, which will be managed by the voluntary participation of different stakeholders and few part-time workers.

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4. ACTION PLAN OF REGIONAL CENTER ON SARM AND SSM

4.1. SERVICES AND ACTIVITIES OF THE CENTER

AIMS	GOALS	ACTIVITIES	COST ESTIMATION *	RESPON- SIBILITY
promotion of the Centre and the portal to the industry (demand & supply of aggregates) with the aim to motivate them to use the portal and import data to the portal	regular use of portal by civil engineering at construction project planning stage to find suitable aggregates aggregate suppliers use the portal to promote their products and increase the sales	commercials	100.000 / y	communication and dissemination group
		periodical newsletters	50.000 / y	
		attendance to the conferences	50.000 / y	
		workshops organizations	100.000 / y	
		seminars	50.000 / y	
		other activities		
expert support to the spatial planning authorities	optimal use of the natural resources prevention of the bottlenecks in supply better access to the aggregates for the industry aggregates extraction friendly zones	annual bulletin	20.000 / y	expert group
		aggregate statistics, trends	50.000 / y	
		transnational database about aggregates resources	20.000 / y	
		transnational "geological settings for aggregates" database	5.000 / y	

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AIMS	GOALS	ACTIVITIES	COST ESTIMATION*	RESPON-SIBILITY
support to the investors in aggregate production	easier decision for the investors regarding the selection of the potential location of new aggregates exploration site	"aggregates friendly areas" database temporal and spatial trends in aggregates supply / demand legislation & mining right procedure analysis investment opportunities in aggregates newsletter	10.000 / y 20.000 / y 50.000 / start-up 10.000 / y 20.000 / y	expert group
support to the investors to the construction works & planning to build the infrastructure/houses	providing relevant data about aggregates supply, locations, quality, price, future availability and other parameters	server & database creation & maintenance keeping an updated and relevant data in the database promoting the database among aggregates producers in order to provide their data	50.000 / start-up 10.000 / y 10.000 / y 50.000 / y	technicians, experts

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AIMS	GOALS	ACTIVITIES	COST ESTIMATION*	RESPON-SIBILITY
Expert support to the legislation / policy makers	legislation and policy makers are aware of the aggregates issues and use the centre's recommendations for the preparation of legislation / regulations	regular publishing of the aggregates indicators	20.000 / y	experts
		temporal and spatial trends analysis	20.000 / y	
		bottlenecks identification	10.000 / y	
		legislation analysis & recommendations	50.000 / start-up 10.000 / y	
		illegal quarrying zones & reports	10.000 / y	
General awareness raising	public is aware about the need for the sufficient aggregates supply for the society and wellbeing, less opposition about aggregates extraction sites, use of more friendly extraction practices	manuals	**50.000 / y	experts, technicians, communic. and dissemination group
		awards	10.000 / y	
		leaflets	5.000 / y	
		publications	20.000 / y	
		children's educational kits	10.000 / y	
		recommendation of the activities for the teachers	5.000 / y	
		other issues	?	

* all costs are in euro and are approximated for the first 3-5 year period; after the start-up period some costs might be significantly lower

** at start-up stage, already prepared materials from project SARMA can be used for such purposes;

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4.2. ORGANIZATION & ESTABLISHMENT OF THE CENTER

AIMS	GOALS	ACTIVITIES	COST ESTIMATION*	RESPON-SIBILITY
Develop a WEB portal	meeting point for industry & experts: - user friendly interface - relevant and updated data - fast access	collection of the data upload of the data queries & algorithms content development	50.000 / start-up 10.000 / y	communicat. & dissemination group, designers, web programmers
definition of the legal entity of the centre	legal agreement within partnership statute consortium agreement intellectual rights agreement general agreement between centre and stakeholders (data providers) about use of the data other documents	meetings contacts with lawyers legal documents preparation meetings within the partnership	20.000 / start-up	all

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AIMS	GOALS	ACTIVITIES	COST ESTIMATION*	RESPON-SIBILITY
Establishment of the centre	launch of the centre and its activities	office – equipment, preparation server room or rental establishing the means of the communication between partners/experts etc.	50.000 / start-up 20.000 / y	lead partner
Updated database of mineral resources in EU	at least 80% of mineral resources findings (quality quantity, structure,...)	promotion of the service among stakeholders	200.000 / start-up 50.000 / y	promotional department, all
Preparation of the informative material	annual bulletin newsletters analysis	data mining, synthesis of the data, transportation routes, bottlenecks, legislation analysis... printing of the material publishing	100.000 / y	data mining group of experts, technicians, designers

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AIMS	GOALS	ACTIVITIES	COST ESTIMATION*	RESPON-SIBILITY
management of the centre	uninterrupted and continuous operations of the centre	coordination videoconferences regular & occasional meetings forum & internet means of communications	20.000 / y	head of the centre
base of experts	experts are actively involved in the activities of the centre and provide relevant analysis and reports on-time	peer reviewed papers funding / salaries communication protocols intellectual rights management	500.000 / y	head of the centre all partners

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4.3. STAKEHOLDERS INVOLVEMENT AND FUNDING OF THE CENTER

AIMS	GOALS	ACTIVITIES	COST ESTIMATION*	RESPON-SIBILITY
involvement of stakeholders	majority of stakeholders in the field use the centre's services higher rate of the transborder trade with aggregates	promotional activities preparation of relevant and informative analysis (trends, market conditions, statistics) interesting, nice-looking, easy-to-use and fast web portal web portal services are available all of the time prompt respond to the possible questions regular newsletters, statistics & almanac commercials	500.000 / y	communicat. & promotion group

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AIMS	GOALS	ACTIVITIES	COST ESTIMATION*	RESPON-SIBILITY
influence the policies and land use plans	<p>easier access to the aggregates for the extractive industry</p> <p>establishment of the aggregates friendly zones</p> <p>harmonised aggregate policies with EU recommendations</p>	<p>relevant trend analysis & statistics</p> <p>regular analysis of market conditions</p> <p>relevant proposals of aggregate friendly extraction areas</p>	100.000 / y	policy & land planning group of experts
establishment funding (start-up)	provide financial sources for the first 3-5 years of operations and establishment of the centre	<p>project proposal (FP7, SEE, CE, IPA...)</p> <p>partners voluntary funding</p> <p>funding by EU Commission</p> <p>funding by consortium of governments</p>	20.000 / start-up	<p>lead partner,</p> <p>all partners,</p> <p>consulting company</p>

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AIMS	GOALS	ACTIVITIES	COST ESTIMATION*	RESPON-SIBILITY
long term funding	providing financial sources for the centre operations after start-up phase	services on-sale membership fees voluntary financial contributions selling commercial space programme funded by the EU Commission programme funded by the consortium of national governments		lead partner promotional team

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