

# R5.2 - Cross table with achieved project results & beneficiaries

## Work Package 5

Version 01  
Date 02.12.2014

Rafaela Schinegger, Helga Kremser, Susanne Muhar, Stefan Schmutz (BOKU); Sašo Šantl, Klemen Šavli, Matej Cunder, Andrej Bašelj, Aleš Bizjak (IzVRS); Lucija Marovt (Lucija Marovt Communications Management); Maximo Peviani, Andrea Danelli, Julio Alterach (RSE), Nicolas Evrard, Fabienne Cordet (AEM)



## Content

Preface .....	2
recharge.green.....	3
AlpWaterScarce .....	4
ECONNECT .....	6
SedAlp .....	7
SHARE .....	9
SeapAlps .....	10
References .....	11



## Preface

The present cross table is an outcome of the project “Alpine space In Movement – targeted to water and energy capitalisation” in the frame of the Alpine Space Programme, co-funded by the European Regional Development Fund ([www.aim2014.eu](http://www.aim2014.eu)).

### The project is based on:

- 1) Tracking the accomplished results of the Alpine Space Programme projects (ASP 2007-2013), in the thematic fields of renewable energy production, water resources management and conservation & restoration of (aquatic) ecosystems and the identification of the transnational needs of the entire Alpine Space Region (Work Package 4).
- 2) Valorising and capitalising the main ASP project’s achievements in terms of policy & management development into effective dissemination and target the relevant policy level/actors to impact on national/regional policies.
- 3) Setting the scene for the 2014+ project generation, by crossing the achieved results with beneficiaries needs, mapping the European/regional/transboundary/national programs with possible synergies and by identifying key relevant policy actors and institutional competences to be addressed.

The present cross table R5.2 links the outcomes of Work Package 4, in particular R4.2 – “Informative factsheet table of selected project results and achievements” and R4.3 – “Evaluation and assessment of accomplished and foreseen results” with the beneficiaries of the project results.

## recharge.green -Reconciling Renewable Energy Production and Nature in the Alps

<http://www.recharge-green.eu/>

Type	Name	Beneficiaries 2014+	Limitations for use/application
Report	<i>Decision Support System (DSS) for renewable energy deployment</i>	Administration Energy producers	Under elaboration
Tool	<i>“JECAMI” - existing map-based survey tool on biodiversity and ecological connectivity</i>	Administration Private companies Researchers Spatial planners Land owners Farmers Fisherman´s Hunters NGO’s	Under elaboration
Tool	<i>“BeWhere” – determination of optimal spatial distribution and size of bioenergy polyproduction plants</i>	Administration Energy producers	Under elaboration
Tool	<i>“BIOMASFOR” - size and geographic distribution optimization of bioenergy production plants</i>	Administration Energy producers	Under elaboration

(\*) in the case of “under elaboration” results, probable users were considered.

## AlpWaterScarce - Water Management Strategies against Water Scarcity in the Alps

<http://www.alpine-space.eu/projects/projects/detail/Alp-Water-%20Scarce/show/>

A general problem related to the outcomes of the project AlpWaterScarce is that the web page is offline, so results & deliverables are not available any more.

Type	Name	Beneficiaries 2014+	Limitations for use/application
Report	<i>Water Management in a Changing Environment - Strategies against Water Scarcity in the Alps - Project Outcomes and Recommendations</i>	Administration Planners Consultants Water users	
Report	<i>Water Resources Management and Water Scarcity in the Alps Recommendations for Water Resources Managers and Policy-makers</i>	Administration Private companies Consultants Water users	
Report	<i>Monitoring and Modelling of Mountain Water Resources - A short guideline based on the results of Alp-Water-Scarce</i>	Researchers Consultants	The list of questions that should be addressed when undertaking both the monitoring and the modelling of the water resources of an Alpine region for the purposes of sustainable water scarcity management are not fully answered, however complementary references are provided.
Report	<i>A climate scenario guideline</i>	Researchers Consultants	
Report	<i>Generalisation of drought effects on ecosystem goods and services over the Alps provided for AlpWaterScarce - WP7 "Optimal Ecological Discharge"</i>	Administration Researchers Consultants	
Report	<i>Summary of the Stakeholder survey</i>	Administration Researchers Consultants	

## AlpWaterScarce - Water Management Strategies against Water Scarcity in the Alps

<http://www.alpine-space.eu/projects/projects/detail/Alp-Water-%20Scarce/show/>

A general problem related to the outcomes of the project AlpWaterScarce is that the web page is offline, so results & deliverables are not available any more.

Type	Name	Beneficiaries 2014+	Limitations for use/application
Tool	<i>Development of Early Warning System Arly Catchment (Haute Savoie, France)</i>	Water users Consultants Administration	There is a lack of documentation support (theoretical, technical, algorithms, geographic information). Web page with pilot case areas and connection to the early warning system and their documentation should be available.
Tool	<i>Early Warning System for Drinking Water Supply (Province of Carinthia, Austria)</i>	Water users Consultants Administration	There is a lack of documentation support (theoretical, technical, algorithms, geographic information). Web page with pilot case areas and connection to the early warning system and their documentation should be available.
Tool	<i>Early Warning System for the Piave Catchment (Province of Veneto, Italy)</i>	Water users Consultants Administration	There is a lack of documentation support (theoretical, technical, algorithms, geographic information). Web page with pilot case areas and connection to the early warning system and their documentation should be available.
Tool	<i>Optimizing Irrigation – an Early Warning System for Agriculture in Slovenia</i>	Water users Consultants Administration	There is a lack of documentation support (theoretical, technical, algorithms, geographic information). Web page with pilot case areas and connection to the early warning system and their documentation should be available.

## ECONNECT - Improving Ecological Connectivity in the Alps

<http://www.econnectproject.eu/cms/>

Type	Name	Beneficiaries 2014+	Limitations for use/application
Report	<i>Alpine biodiversity needs ecological connectivity</i>	General public Nature conservation authorities Spatial planners NGO's	
Report	<i>Implementation recommendation</i>	Administration	
Report	<i>Policy recommendations</i>	Administration Spatial planners Protected area managers	The legal framework in support of ecological connectivity measures at various scales has to be established, supplemented and improved. Ecological connectivity has to be included in spatial planning instruments at all levels (from the local to the international level), using multi-sectoral approaches. Publicly funded data and analyses have to be made openly available through a harmonised centralised data management platform.
Tool	<i>Joint Ecological Continuum Analysing and Mapping Initiative (JECAMI)</i>	Administration Private companies Researchers Spatial planners Land owners Farmers Fisherman's Hunters	Often administrations are not allowed to use private software. The services are still under construction and can only be seen as prototypes so far. The web tool can still not be used and has a restricted access. The reason for that is a lack of data and a problem to find further funding to finalise it. The tool is not running so far, moreover, hydropower potential maps would be needed in the decision support system to harmonize water/ecosystem and hydropower management (but this extension is aimed in the follow up project recharge.green)

## SedAlp - Sediment management in Alpine basins

<http://www.sedalp.eu/>

Type	Name	Beneficiaries 2014+(*)	Limitations for use/application
Report	<i>Technical monograph on sustainable sediment management in Alpine rivers</i>	Administration Environmental agencies Researchers Spatial planners HP project planners	Under elaboration
Report	<i>Policy recommendations on sediment management to support River Basin Management Plans</i>	Administration Spatial planners Local Administrations	Under elaboration
Report	<i>Guidelines for estimation of sediment and wood budgets in different hydro-climatic and geological settings</i>	Environmental agencies Researchers River Managers	Under elaboration
Report	<i>Guidelines for the identification of morphological impacts related to existing and new hydropower plants and gravel extraction</i>	Environmental agencies Researchers River Managers HP project planners Nature conservation authorities	Under elaboration
Report	<i>Guidelines for improved planning of hydropower plants aimed to improve the longitudinal sediment continuity between upstream torrential headwaters and downstream river reaches</i>	Administration Spatial planners	Under elaboration
Report	<i>Guidelines for planning/designing of efficient torrent control structures with low impact on sediment continuity between upstream torrential headwaters and downstream river reaches</i>	Administration Spatial planners HP project planners	Under elaboration
Tool	<i>FluvialCorridor toolbox</i>	Environmental agencies Researchers River Managers HP project planners Nature conservation authorities	Under elaboration

(\* ) in the case of “under elaboration” results, probable users were considered.



## SedAlp - Sediment management in Alpine basins

<http://www.sedalp.eu/>

Type	Name	Beneficiaries 2014+(*)	Limitations for use/application
Tool	<i>Connectivity Tools</i>	Environmental agencies Researchers River Managers HP project planners Nature conservation authorities	Sediment connectivity is a key issue in the study of sediment transfer processes in mountainous catchments. The index of sediment connectivity IC is intended to represent the linkage between different parts of the catchment and aims at evaluating the potential connection between hillslopes and features of interest or elements acting as storage areas (sinks) for transported sediment. The Sediment Connectivity tool requires ArcGis 10.1 /10.2 and TauDEM tools installation, since several hydrological functions are computed exploiting this suite. Download the Connectivity Toolbox (for ArcGis 10.1 and 10.2) from the SedAlp website: <a href="http://www.sedalp.eu/download/tools.shtml">http://www.sedalp.eu/download/tools.shtml</a>

## SHARE - Sustainable Hydropower in Alpine Rivers Ecosystems

[http:// www.share-alpinerivers.eu/](http://www.share-alpinerivers.eu/)

SHARE institutional website will expire within the end of 2014. Main contents, tools and resources are available under:

<http://www.arpa.vda.it/en/acque-superficiali/gestione-sostenibile/attivita-e-progetti/share>

Type	Name	Beneficiaries 2014+	Limitations for use/application
Report	<i>A problem solving approach for sustainable management of hydropower and river ecosystems in the Alps</i>	Public consultants Private consultants Administration	
Report	<i>WFD, Floods and other EU Directives</i>	NGO's Public consultants Private consultants River Managers	
Report	<i>WP4 Guideline to integrate MCA procedures in normative and set of laws</i>	Administration River managers	
Report	<i>Hydropower impacts on river status components</i>	Administration River managers	
Report	<i>WP5.4 Criteria for river vulnerability mapping</i>	Research Administration River managers	The maps are neither exhaustive nor official, as the level of WFD implementation is quite heterogeneous between the countries involved. As also data availability and methodological approaches to gain these data differ, the present maps can only be used as an example to localise and quantify river capital potentially exposed to HP pressure yet.
Tool	<i>SESAMO-SHARE</i>	River managers Administration	The software assumes to be already familiar with the methodology and general concepts relating to decision-making processes.
Tool	<i>CASiMiR</i>	Public organisations Investors of HP plants	A lot of experience in habitat modelling, species preferences etc. is needed, otherwise these tools act as a black box.
Tool	<i>VapIdroAste</i>	HP project planners Administration	Focus on hydrological and economic issues, ecological parameters are not included yet.
Tool	<i>SMART Mini-Idro</i>	HP project planners Administration	

## SEAPAlps - Supporting local authorities in the implementation of Sustainable Energy Action Plans in the Alpine Space Area

<http://seap-alps.eu/hp2/Startseite.htm>

Type	Name	Beneficiaries 2014+	Limitations for use/application
Report	<i>Methodology for the development and evaluation of the impact of public investment plans</i>	Local administration	There are no information about the experimentation / implementation of the methodology on a pilot Municipality that adhere to the Pact of the Mayors: a revision could be made in the light of the experimentation results.
Tool	<i>SEAP_ALPS Action Tools</i>	Local administration	Examples of Sustainable Energy Action Plan (SEAP), developed with the support of the Action Tool, are missing.
Tool	<i>Training Platform for Local Authorities</i>	Local administration	



## References

AlpWaterScarce: <http://www.alpine-space.eu/projects/projects/detail/Alp-Water-%20Scarce/show/>

ECONNECT: <http://www.econnectproject.eu/cms/>

recharge.green: <http://www.recharge-green.eu/>

SEAPAIs: <http://seap-alps.eu/hp2/Startseite.htm>

SedAlp: <http://www.sedalp.eu/>

SHARE: <http://www.share-alpinerivers.eu/>



**Authors Contacts**

[rafaela.schinegger@boku.ac.at](mailto:rafaela.schinegger@boku.ac.at)

[helga.kremser@boku.ac.at](mailto:helga.kremser@boku.ac.at)