

Partnership

The partnership of the project AQUANET is constituted by 7 entities of 5 different countries:



IRMA, S.L. is a SME located in Spain. Its activities are related to rural development, nature protection and its sustainable exploitation, and to the promotion of rural employment. It collaborates actively in several European and national initiatives.



San Valero Foundation, in Spain, is a non-profit organisation with a great experience in technical and professional training at initial, continuing and vocational level. It has promoted several international pilot projects related to technical and professional training actions linked to enterprises.



Europe, Innovation and Development, S.L., in Spain, is a SME specialized in the fields of applied research, innovation and environment. In the scope of NICT, it has also an accredited experience.



CIPA-AT is a training centre specialised in the scope of agriculture and activities related to the rural realm. It works also in the field of higher education and at international level has promoted different European projects.



ADRAT, Association for the rural development of the Alto Tâmega region, in Portugal, is an inter-institutional platform addressed to the coordinated and integrated creation of strategies and good conditions for the development of the subregion of Alto Tâmega. In the scope of international cooperation, it has a great experience on community initiatives and European programmes.



Consiliul Județean Harghita is a local entity located in the region of Harghita, in Romania. Its interest for natural resources has led to the creation of different active policies for the endogenous development of the area. It has experience in international cooperation projects, especially as partner in projects of the Leonardo da Vinci programme.



Agroinstitut Nitra, in Slovakia, is a public organisation of the Ministry of Agriculture in Slovakia and its main task is the development of efficient continuing training systems in the agro-feeding field, as well as to offer counselling and advice services. This partner has experience in the development of international cooperation projects, especially in the scope of continuing training and within the framework of the Leonardo da Vinci programme.

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“EXPERT TRAINING ON KEY PROFESSIONS AND FIELDS FOR THE EFFICIENT WATER MANAGEMENT”

AQUANET is a Leonardo da Vinci – Transfer of Innovation project, within the Lifelong Learning Programme. This proposal intends to transfer an international reference model for an efficient use of water, already validated by the European LIFE Programme, and a virtual platform (to be used as training tool and methodology) also validated at international level within the Leonardo da Vinci Programme:

- Project **OPTIMIZAGUA**, within LIFE Programme (www.life-optimizagua.org).
- Pilot Project **MULTIMEDIA TRAINING SYSTEM FOR WORKERS**, within Leonardo da Vinci Programme (<http://leonardo.svalero.es>).

The subjects tackled by these two projects, have evidenced the need of a specific training on devices, technologies and methodologies that promote an efficient use of water, which constitutes the main topic of this project.



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target groups

- **Workers of local entities and enterprises that work on the maintenance of public green areas.**
- **Architecture and engineering entities, responsible for the design of green areas, irrigation systems, urban planning and landscape studies.**
- **Elaboration of a didactic handbook** for the adaptation of the workers of key professions and fields, to the new technologies related to water management.
- **Institutional presence** of the project in the International Exhibition "Expo Zaragoza 2008", under the thematic axis "water and sustainable development".

results

- **Handbook** for e-learning continuing training and on-line workshops on technologies, devices and methodologies related to the efficient water management.
- **Virtual platform** for e-learning training.
- **Adhesion of training centres and European entities to the Training Platform** and to an International Prospective Cell for expert training on efficient water management.

objectives

- To foster **the implementation of technologies, methodologies and good practices** that promote the efficient use of water, through continuing training activities.
- **To offer a didactic guide on systems, models and good practises for the efficient use of water**, to the educational representatives and vocational training centres, in order to foster e-learning cross-training actions on these subject.
- **Didactic Guide** to facilitate the cross-learning on models, technologies, methodologies and good practices for an efficient use of water.
- **E-learning training actions** offered through the created platform and the elaborated contents.
- **Dissemination and valorisation specific products:** brochures, website, video-spots, final publication and institutional presence in the International Exhibition "Expo Zaragoza 2008".

"In the beginning God created the sky and the earth. The earth was shapeless and empty, and darkness covered the abyss, and the spirit of God moved over the waters".

I, water...one with thousands of names, I am: rain, ice, glacier, hail, iceberg, humidity, steam, dew, frost.

For chemists I'm simply H₂O, in other words one molecule of water has two hydrogen atoms covalently bonded to a single oxygen atom.

When I'm plain water, I don't smell, I'm colourless and insipid...but as a good dissolvent I change colour instantly...smell...and incorporate flavours.

If I cover 70% of your planet, why is it called Planet Earth and no Planet Water?

I shape and create landscape with my erosive force, I mild the climate and fertilize your fields.

I'm everywhere, under the land resting in the aquifers, flying in the air in cumulus, cirrus, stratus or nimbus.

Without me there's no life...I'm in all the living beings, from jellyfish to your bodies; you are all water...and a little more.

Thanks to me, and almost exclusively, you can think and control your organism...as 90% of your body is water.

Have you ever questioned if your and everyone else's life around you depend on me?

I'm a strange substance...I maintain liquid at temperatures where other compounds transform into gas.

I'm composed of oxygen, which is essential to start a fire, and of hydrogen that also burns well, but I'm the universal fire-fighter that extinguishes almost all fires.

When I chill below 0°C, my volume expands and I loose density.

With this dilatation, I break rocks by sliding into their fissures...burst pipes.

This rare quality has its advantages...these large ice masses in polar areas, the icebergs, which float on the sea as ice cubes do.

If they sank, the sea would fill with ice...you couldn't cross the oceans nor have constant renovation of the hydrological cycle...clouds...rain...rivers...seas and back to the beginning.

You use me in car radiators...as I need more energy to increase my temperature compared to other liquids.

I have an excellent surface tension... thanks to that I can easily travel up carrying the vegetables sap to the top of the plants.

If you carefully put a needle on my surface, it won't sink...some insects wander over me in lakes and ponds. You have to make certain effort to penetrate my smooth skin.

I'm the universal solvent...only oil, grease and petroleum related products resist to me...but with a small amount of detergent they can be separated from fabrics and you can be freed from filth.

Who am I? The more I wash the dirtier I get?

I'm very generous...I clean everything and wont get dirty...therefore you should care and purify me so that I can run merrily in rivers and streams.

As I almost dissolve everything, it's impossible to find me alone... I'm very sociable...when I condense and fall as rain, I incorporate gases and airborne dust...and once on soil I dissolve salts.

Carbon dioxide also suites me fine...the bubbles from champagne and other fizzy drinks...are portions of that gas...water with holes.

Oxygen tries to resist me, but I can dissolve it sufficiently for the fish and aquatic plants to breath.

But when another oxygen is added to me...I transform into hydrogen peroxide... H₂O₂...treat your injuries and lighten your hair colour.

The life of a water drop is much fun although complicated, I'm eternal. Surviving many vicissitudes caused by man.

I remember being in a dinosaurs' teardrop...then I sank into the earth's depth...remaining many centuries in aquifers until they invented water pumps for me to irrigate the fields.

Being on an alfalfa, a cow came and ate me...transformed into milk, a boy had me for breakfast...I escaped from his body through his sweat... and finally evaporated.

I almost travelled the world in a white cloud...a squall was formed and I became so dizzy...a thunderstorm woke me and I fell as a snowflake on a mountaintop.

Summer arrived and I ended in a stream...then passed to a reservoir...where I rested for some while.

I was taken through pipes into a house...landed in a kitchen's sink surrounded by dirt...travelled filthy and fetid sewers...thank goodness I reached a purifying plant.

I then arrived at a vast river...where I felt much happier by receiving a lot of oxygen.

I was caught again and transformed into a special drink for astronauts.

How could I ever think that I would leave my dearest atmosphere?

... the water drop that told you this story, has fallen in love with the sun and shall stay in a satellite near it...forever.

GOODBYE!
TAKE GOOD CARE OF ME!