



Grant Agreement no: 610 050

Project acronym: **VOLCANOES' NIGHT 2**

Project full title: **"La Noche de los Volcanes – an awareness raising night for the work of volcanologist and geologist scientists II."**

**Seventh Framework Programme
THEME FP7 – PEOPLE – 2013 – NIGHT**

Deliverable 2. Report on the Activities of the Night (PU)

Due date of deliverable: last month of the project

Actual submission date: together with the draft management report

Start date of the project: 01.05.2013.

Duration: 7 months

Coordinator: La Palma Research Centre S.L.

The principal objective of the Night was to enhance the public recognition of volcanologist and geologist scientists and to improve the understanding of the impact of their work on citizen's daily life. All this was to be achieved by providing the public an opportunity (in a frame of an event) to explore the "human face" of research through direct exchanges between "people of the street" and geoscientists.

During the precise definition of the different programme elements the following specific objectives were also taken into account at large extent:

- Tackling the existing stereotypes about researchers and their work by introducing the audience their "ordinary" nature and aspects of their everyday life (including their struggles and problems etc.);
- Raising public awareness towards geology related science, the role of volcanoes in the life of the Canary Islands, as well as drawing attention to the risks deriving from living in an active volcanic area.
- Demonstrating the use of geology in citizens' daily life by highlighting connection between science and innovation;
- Pointing out European cooperation and support in favour of research, and thus stimulating young people to embark on scientific careers (Researchers' mobility).

The project created a new, truly alternative programme for "a Friday night out" (compared to typical local events and fiestas), where everyone could find something interesting for themselves from families with kids, through "knowledge-seekers" to the older generation.

Although, the project budget was relatively limited organisers made all possible efforts to engage further local collaborators and as a result activities under Volcanoes' Night II took place in the following venues:

Fuencaliente, La Palma: San Antonio Volcano Centre, Town Cultural Centre, Bodegas Teneguía (side event), Hotel Teneguía Princess (extra side activity)

Puerto de La Cruz, Tenerife: Plaza de Europa, Cafetería Bar Dinamico, Cafetería CIT Puerto de La Cruz, Sala Timanfaya, Instituto de Estudios Hispánicos de Canarias, Sala de Srte CajaCanarias

La Frontera, El Hierro: Conjunto Rural El Sitio (preliminary activities), Plaza de Tigaday & Calle Tigaday

Yaiza, Lanzarote: Town Cultural Centre Benito Perez Armas

The detailed description of the different activities and the approximate number of visitors they attracted are listed below (in chronological order starting from preliminary actions through main programme elements to extra, parallel side events , always indicating location/s where necessary).

Preparatory activities

Drawing Competition

Based on last-year experiences (taking into account the school-holiday season as well as the occupancy of teachers) the Advisory Board set up the following schedule for the drawing competition:

- A one-page announcement introducing the project, explaining the idea of the competition as well as the overall timeframe, rules and project contacts was sent out to all schools (both by email and fax) of the 7 Canary islands during the last two weeks of May. The first contact was then repeated during the first week of September (just before the school-year starts for children but teachers are already at work).
- After the first contact had successfully been made, event staff got in touch with the teachers (by phone) of the participating schools and provided them a better picture of the thematic that would be depicted by the scholars.
- For this purpose, a small tutorial was sent to these schools, with instructions about what to be done by the children, and the way to proceed.
- In total 350 drawings were collected. The jury in charge of the contest was formed out of invited researchers, who were very delighted by the idea of getting young children interact with the volcano world. During the night, all drawings were exhibited at the local venues, where hundreds of people admired them.
- The first three selected drawings for each event location were prized during an Awarding Ceremony, which took place right after the My Day presentations (in between 18:45 – 19:00 at Lanzarote and at El Hierro, and between 19:00 -19:15 in Tenerife and in La Palma). The winner of the first three prizes all received a 2014 Calendar dealing with topic of volcanic hazards, plus further gadgets (e.g. a DVD about the volcanic eruption of Teneguía 1971 and some other items (books and booklets) offered by the local project collaborators such as the Municipality of Fuencaliente in La Palma, Municipality of Puerto de la Cruz in Tenerife, Municipality of Frontera in El Hierro and Municipality of Yaiza in Lanzarote. The winner's drawings were shown in a special position of the showrooms.

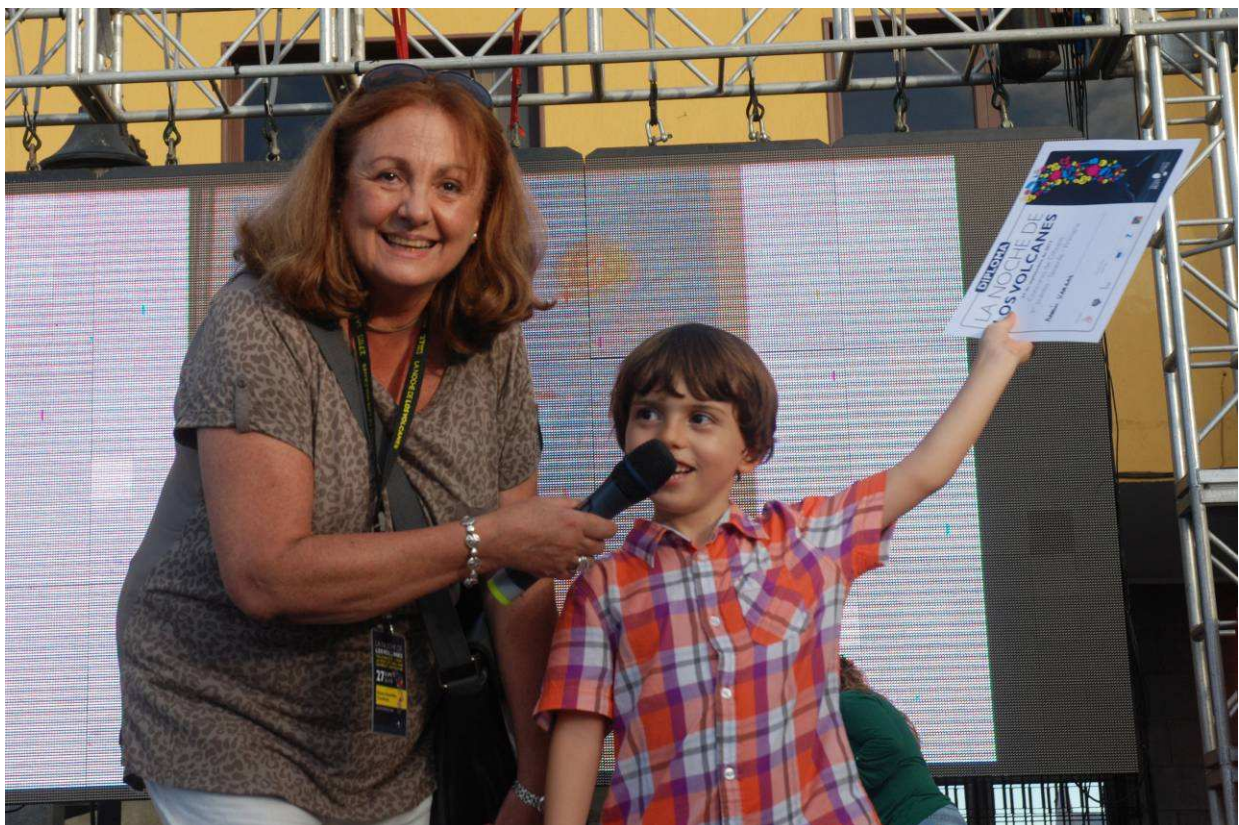
Winners in Tenerife:

- I. Prize: silvia Martínez Adones– Casa Azul
- II. prize: Amanda Queiroga – C.E.I.P. salesianos
- III. Prize: Aarón Vargas – C.E.I.P. salesianos

In the Annex of D2 you may find attached the first announcement call.



Which one do you like the most? Exhibition of drawings in La Palma.



Awarding Ceremony in Tenerife, the winner on stage to receive his diploma

Volcano Excursions – fun-learning field activities for all

Volcanoes are not assessed in high-tech facilities, such as nuclear energy, robotics, nanotechnology or biotechnology where a simple access to specific installations would guarantee public interest and a large number of visitors. When it comes to volcanology and geology, experts, instruments and people should go to the field and do most of their research on the spot. Therefore, as part of the preparatory activities, a series of warming-up volcano excursions were organised in 3 of the venue islands. These scientist-lead excursions were all proposed on the project website in advance of the event as well as were listed in the specific agendas. In order to reach the maximum number of attendance (e.g. attract non-natives residents as well as tourists), at times, selected excursions were facilitated by translators (into German and English). In total, the following 5 routes were organised:

1. "From the Village to the coast"

Venue: Fuencaliente, La Palma

Guide: Cayetano Guillén (INVOLCAN)

Timetable: 9:30 – 13:30

Meeting point: Tourist Office, Los Canarios, Fuencaliente.

Language: Spanish

Itinerary: Oficina de Información Turística de Fuencaliente – Volcán San Antonio – Volcán Teneguía – Litoral de Fuencaliente.

2. Walking Along the Edge of a Volcano Crater

Venue: Fuencaliente, La Palma

Guide: Fátima Rodríguez (INVOLCAN) y Cayetano Guillén (INVOLCAN)

Timetable: 16:30 – 17:15

Meeting point: San Antonio Volcano Visitor Center

Languages: Spanish, English and German

Itinerary: Centro de Visitantes del Volcán San Antonio – Borde de Cráter del Volcán Teneguía - Centro de Visitantes del Volcán San Antonio.

3. Scars from large Volcanic Landslides

Venue: Puerto de la Cruz

Guide: Juan Jesús Coello Bravo (Cabildo Insular de Tenerife – INVOLCAN)

Timetable: 15:30 – 17:45h.

Meeting point: Mirador de San Pedro (Rambla de Castro).

Language: Spanish, English

Itinerary: Mirador de San Pedro - Nacientes de la Rambla de Castro - Jardines de la Rambla de Castro - Playa de la Fajana - Regreso al Mirador de San Pedro.

4. Puerto de la Cruz Geotourism – Urban Itinerary for the inner part of Puerto de la Cruz

Venue: Puerto de la Cruz

Guide: Fco. Javier Dóniz Páez (ULL – INVOLCAN) / Estela Escobar (UCLM – INVOLCAN).

Timetable: 15:30 – 17:45h.

Meeting point: Montaña de la Horca

Language: Spanish, English

5. "When the Lava Meets the Sea"

Venue: El Hierro

Guide: Luís Hernández (Gobierno de Canarias – INVOLCAN).

Timetable: 15:30 – 17:15h.

Meeting point: La Maceta

Language: Spanish

Itinerary: Litoral del Municipio de La Frontera

The excursions proved to be important and successful programme elements (despite the windy weather at certain locations, e.g. on La Palma). Altogether 246 persons participated at these excursions; people represented all age groups, including younger and older generation. Furthermore a number of foreign residents (up to 40 percents of the attendants) and tourists followed the translated walks.



"When the Lava Meets the Sea" – scientific excursion lead by Luís Hernández at El Hierro



People enjoyed the urban Urban Itinerary for the inner part of Puerto de la Cruz

Scientific experiments

In addition to excursions, as part of the early-afternoon warming-up activities scientific experiments were held at all event locations. During these sessions researchers presented the public how scientists can measure the silent degassing of carbon dioxide from an active volcano. During the experiment, researchers emphasized the public the importance of these measurements and explained that they serve as an early warning signal from a volcano about to erupt imminently. Researchers also allowed people to check and use the equipment themselves; which was really appreciated by the participating persons. Try-outs took place according to the below schedule:

16:00-17:15 San Antonio Volcano Centre, Fuencaiente La Palma lead by Gladys Melián (ITER-INVOLCAN)

16:00 – 17:45 Calle Tigaday, La Frontera, El Hierro lead by German Padilla (ITER-INVOLCAN)

16:00 – 17:30 Casa de la Cultura Benito Perez Armas lead by Gabriel Lopez (INVOLCAN)

In general, these performances attracted app. 200 people.



An INVOLCAN member talks to two German tourists at El Hierro venue, explaining how CO₂ measurements are performed.

Main event

The core part of the programme – at each event venue – started at 18:00 with an official event opening (with the presence of town mayors, and in case of La Palma, the president of the Cabildo), and this was followed by activities one after another in a consecutive order (only with minor discrepancy in between the locations). However, in case of Tenerife and in La Palma, in addition to the original plans laid down in the DoW, some extra, parallel side activities also took place. More information on each activity indicating the app. number of attendees is listed below.

In La Palma, organisers and invited scientists were interviewed by the press (including the local TV channel, Canal 11 and the Spanish national TV) just before the event. All event locations obtained high media attention, as a result of a strong awareness raising campaign.



Televisión Española (Nationwide signal) made plenty of interviews to invited researchers



Opening Ceremony at Tenerife

My Day presentations 18:15 – 18:45/19:00

La Palma: Town Cultural Centre, Assembly room

Participating scientists: Juan Acosta Yepes (Spanish Oceanographic Institute – IEO, Madrid), Jesús Martínez Frias (Geoscience Institute, IGEO /CSIC-UCM/, Madrid)

Tenerife: Plaza de Europa

Participating scientists: Pedro Antonio Hernández (INVOLCAN), Juan Jesús Coello (CIAT), Antonio Eff-Darwich (ULL), Luis González de Vallejo (INVOLCAN), Mercedes Ferrer (IGME), Elena González Cárdenas (UCM)

El Hierro: Plaza de Tigaday

Participating scientists: Elezar Padrón (ITER-INVOLCAN), Luís E. Hernández (GOBCAN-INVOLCAN)

Lanzarote: Town Cultural Centre

Participating scientists: Carmen Romero (ULL-INVOLCAN), Samara Dionis (INVOLCAN)

As first, in order to warm up the audience, at each location two scientists introduced the different aspects of their work (from a typical 'Office' day to field missions, laboratory experiments, science communication actions etc.), also with reference to their free-time activities. Their speech was accompanied by illustrating videos and photos. Participants were motivated by to ask questions and "interrupt" any time; moreover scientists also "provoked" the audience by asking their opinion on certain topics related to their job. App. 600 people listened to these sessions.



Juan Acosta Yepes (IEO, Madrid) during his My Day presentation speech, in La Palma



Luis González de Vallejo during his "My Day" presentation

Ask a geoscientist

La Palma: 19:15 -20:00, Town Cultural Centre, Assembly room

Participating scientists: Juan Acosta Yepes (Spanish Oceanographic Institute – IEO, Madrid), Jesús Martínez Frias (Geoscience Institute, IGEO /CSIC-UCM/, Madrid)

Tenerife: 19:15 – 19:40, Plaza de Europa

Participating scientists: Pedro Antonio Hernández (INVOLCAN), Juan Jesús Coello (CIAT), Antonio Eff-Darwich (ULL), Luis González de Vallejo (INVOLCAN), Mercedes Ferrer (IGME), Elena González Cárdenas (UCM), Jose Antonio Rodríguez Losada (ULL), Javier Dóniz (ETTI)

El Hierro: 19:00-19:30, Plaza de Tigaday

Participating scientists: Elezar Padrón (ITER-INVOLCAN), Jesús Ibanez (UGR), Luís E. Hernández (GOBCAN-INVOLCAN)

During these interactive sessions attendees had the possibility to freely ask any questions they had in mind from the scientists present (the thoughts presented by scientist during their My Day-speech provided a solid base for possible questions). The participation of the younger generation was especially supported (the schedule of this activity was chosen accordingly) and as a result highly noticeable as majority of the questions were raised by children and young people. This activity proved to be particularly attractive in all islands; most of the questions were raised focused on local volcanoes rather than 'general' issues, which remarks the convenience of this activity.



Ask a scientist – La Palma

Approximately, 20 persons raised questions and an additional 450 people were curious to listen to the answers that researchers provided.

Volcano Memories,

La Palma: 20:00 – 20:15, Town Cultural Centre, Assembly room

El Hierro: 19:30 – 20:00, Plaza de Tigaday moderated by Luis E. Hernandez (GOBCAN-INVOLCAN)

In La Palma, the volcanic eruption of San Juan (1949) was evoked through the 'memoirs' of Simeon Marichal, whereas in El Hierro, the most recent (2011-2012) volcanic unrest of the Canary Islands near El Hierro was in the focus. Here memories and experiences of locals were scientifically moderated (completed and explained) by a researcher (Luis E. Hernandez). This activity was especially popular among locals, app. 120 people attended.



People attending Volcano Memories at El Hierro island.

Documentaries and Movie Theatre

La Palma: 21:15 – 22:15, Town Cultural Centre Assembly room

Tenerife: 20:45 – 21:30, Plaza de Europa

El Hierro: 20:45 – 21:45, Plaza de Tigaday

Lanzarote: 20:00 – 21:00, Town Cultural Centre

As a common activity, the one-hour-long documentary *Canary Islands, Land of Volcanoes* was projected at each event location. After the film a 'live' discussion took place, during which viewers had the possibility to ask any questions from participating scientists that may crossed their mind during watching the movie. As this documentary focuses on the Canary Archipelago (introduces the volcanism and geological specificities of each island), this activity attracted many people (the result of the questionnaire underlined this fact), especially youngsters. Approximately 500 visitors estimated to take part.



Projection of the documentary Canary Islands, Land of Volcanoes in Tenerife

In addition, the following other documentaries and movies were projected locally, as part of pre-/post- or extra activities taking place parallel to the main programme.

La Palma

Teneguía, the Friendly Volcano

Location: Hotel Teneguía Princess; 20:30 – 21:15 in English, 21:15 – 22:00 in German.

Tenerife

Dante's Peak (in Spanish with English subtitles)

Location: Sala Timanfaya; 18:45 – 20:45

'Pompeii: the Last Day' (in Spanish with English subtitles)

Location: Sala Timanfaya; 21:45 – 23:45

Teneguía, the Friendly Volcano

Location: Instituto de Estudios Hispánicos de Canarias; 18:15 – 19:00 in English, 20:30-21:15 in German

Approximately 85 visitors estimated to take part in these extra activities in the two islands.

Science Cafés & Volcano Clubs, Wrestling Arena 21:00 until app. midnight

As a main attraction series of scientific talks were organised at all event locations. These sessions were lead by famous Spanish or invited foreign geoscientists, who explained different natural phenomena and hot research topics, meanwhile presenting the scientific methods and equipment used to investigate them. Prior to the event, speakers had been asked to use plain phrasings and to adjust their presentations in a way that includes

personal elements with special focus on their first-hand experience and opinion. Additionally, the casual settings that had been set by the organisers provided a very relaxing atmosphere to these talks, also emphasised their informal nature, and thus prepared the floor for any inquiries. Visitors were encouraged to raise questions by the professionals themselves and by the local venue moderators as well. Presentations and/or talks were focussing on the following topics:

La Palma:

Town Cultural Centre

20:15 – 21:00 'Construction of an oceanic island: Insights from the El Hierro 2011-2012 Submarine Volcanic Eruption' – lead by Juan Acosta Yepes, IEO, Madrid

22:15 – 23:00 'Extraterrestrial Volcanism: 'Canaries as analogy for Mars exploration' – lead by Jesús Martínez Frias, IGEO (CSiC-UCM), Madrid

Tenerife:

Cafetería Bar Dinámico

20:00 – 20:45 4,000 Leagues Under the Sea in a droid: the new frontiers of marine geology" Antonio González Ramos (ULPGC)

21:00 – 21:45 When the islands collapse Mercedes Ferrer (IGME)

22:00 – 22:45 Half a century of geological debate in the Canaries Eustaquio Villalba

Cafetería CIT Puerto de La Cruz

20:15 – 21:00 Tenerife, an experience among volcanoes Javier Dóniz (EITTI)

21:30 – 22:15 in German, Geological development of the Canary Islands: A young volcanic archipelago adjacent to the old African Continent Hans-Ulrich Schmincke & Mari Sumita

El Hierro

Plaza de Tigaday

20:00 – 20:45 'Ground Detection of Early Signs of the Submarine Volcanic Eruption of El Hierro' lead by Elezar Padrón (ITER-INVOLCAN)

21:45 – 22:30 'The Impact of El Hierro's Submarine Eruption in the Mar de Las Calmas' lead by Melchor González Dávila (ULPGC)

Lanzarote

Town Cultural Centre

19:00 – 20:00 'Volcanoes and Art' lead by Carmen Romero Ruiz (ULL- INVOLCAN)

21:00 – 22:00 'The Internal Heat of Volcanoes: Geothermal Energy' lead by José F. Albert Beltrán (GAIA – INVOLCAN)

23:45 – 00:15 'Volcanoes in the Solar System' lead by César Piret & Gustavo Muler (Astronomía Lanzarote)

These core scientific activities, in total attracted at least 300 visitors.



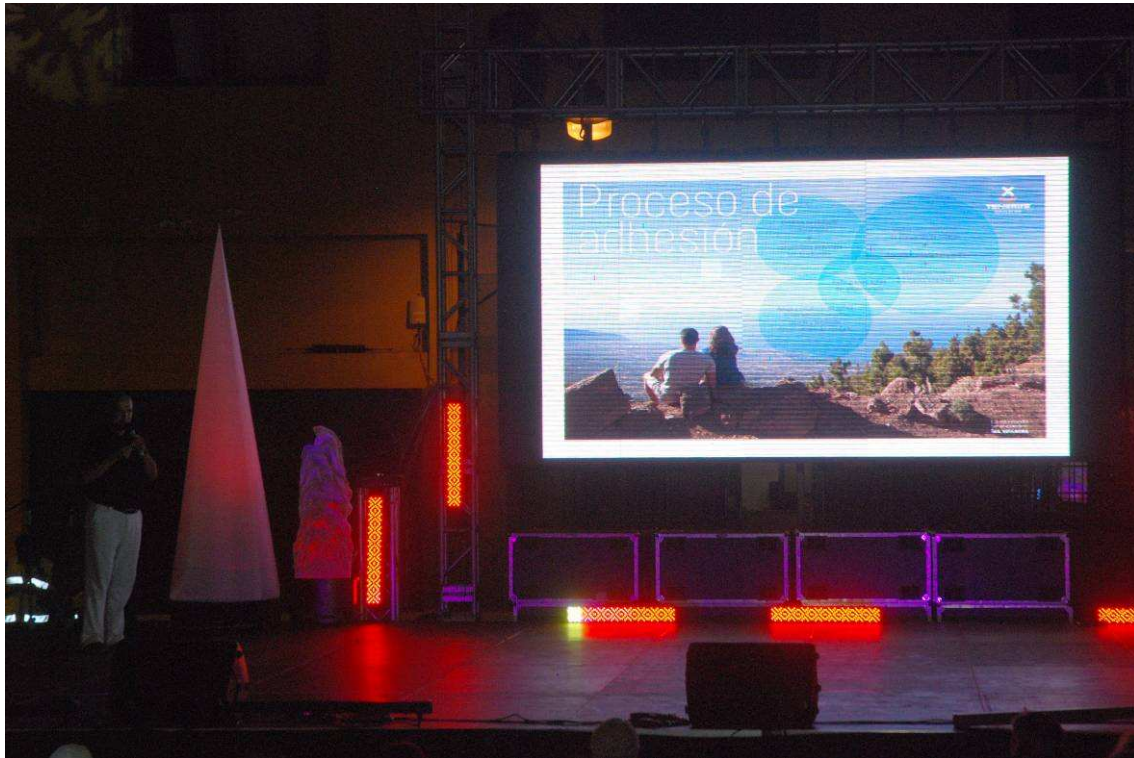
Scene from a Science Café – Antonio González Ramos talks to the audience at Puerto de la Cruz, Tenerife.



Another Science Café – Javier Dóniz discussing with his audience the role of volcanoes in modern tourism

"Tenerife, Volcanes de Vida" - Tenerife

Just before the "Volcanologists around the World" movie (between 21:35 – 22.00), in Puerto de la Cruz Plaza de Europa, people were given an introduction to the new touristic strategy of Tenerife, which is for the first time in the Canaries, mixes volcanoes and leisure. This is a very ambitious initiative where volcanoes are in focus attracting a new/different generation of tourists seeking other options than the old fashioned "beach and sun" combo. An expert from the Cabildo explained to more than 100 people the baselines of this project, intended to enhance the relationship between businesses and nature.



Tenerife Volcanes de vida, the new touristic project from the Cabildo de Tenerife

'Volcanologists around the World'

Learning from last-year experience (due to the unfavourable weather conditions there were some problems with the online connections) and in an attempt to avoid any troubles caused by technical failures or arisen from possible delays, instead of making real-time Skype connections, organisers decided to broadcast a pile of videos that had been pre-recorded by foreign geoscientists during the course of preparation. Throughout the one-hour world tour 16 scientists, from 13 different countries greeted the audience of Volcanoes' Night II. and introduced her/his work to the public (in their own language or in English, subtitles into Spanish were made available). 'Around the World trough Volcanoes' took place at all event locations according to the below schedule:

La Palma: Town Cultural Centre

23:00 – 00:00 As a closing session of the programme, right after the Science Cafés and just before the LIVE concerts

Tenerife: Plaza de Europa

22:00 – 23:00 a closing session of the programme just before the LIVE concerts

El Hierro: Plaza de Tigaday

22:30 – 23:30 a closing session of the programme, right after the Science Cafés and just before the LIVE concerts

Lanzarote: Town Cultural Centre

22:45 – 23:45 as an intermediary session in between two scientific talks

This very entertaining 'assembly', despite the relatively late hour, caught the attention of app. 250 people in total (in Tenerife this included significant number of foreign residents and tourists thanks to the offered language opportunities).

EU Project Corner

La Palma: 16:00 – 22:00, Town Cultural Centre, Assembly room

Tenerife: 16:00 – 23:00, Plaza de Europa

El Hierro: 18:00 – 23:30, Plaza de Tigaday

Lanzarote: 18:00 – 00:15, Town Cultural Centre

14 posters of A0 size were displayed introducing the findings of (regional, national and international) research projects in an easy to understand manner. Moreover, contributing scientists of these projects were available for questions and further explanation in case of interest.

By visiting this exhibition, with the help of the demonstrated project examples participants gained a better knowledge on the work geoscientists conduct. Due to the schedule of these programme elements it is hard to judge the exact number of attendees, however, it is estimated that majority of the visitors had at least a partial look of the exhibitions during the night, approximately 300 persons.

The list of exhibited posters is available in the Annex of D2.

Industry Corner Tenerife

This activity was organised in Puerto de la Cruz Plaza de Europa in between 16:00 – 23:00. The most remarkable stand was set up by the Geotechnical Laboratory of the Canarian Government, which move part of the lithoteque to one stand, where children and adults could admire a wide range of rocks from the Canary Islands. Furthermore plenty of wineries were presented in the industry corner as part of the "Volcanic Experience", a programme that tries to enhance the relationship between volcanoes and local culture and supported by Cabildo de Tenerife. Once again, GRAFCAN, cartographic services from the Canary Islands attended, as well as some technical and geology & volcanology related companies such as West systems, from Italy, Nanometrics, seismic stations provider, or Alava Ingenieros.

The following companies presented their promotional materials:

GRAFCAN, Tenerife – www.grafcan.com
Nanometrics España - www.nanometrics.ca
Alava Ingenieros – www.alava-ing.es
Litoteca Canaria – <http://www.gobiernodecanarias.org/geotecnia/litoteca.html>
West systems – <http://www.westsystems.com>

Again, due to the feature of these programme elements it is hard to judge the exact number of attendees, however, it is estimated approximately 300 persons participated.

EU Corner

People living on the Canary Islands, an outermost region of Europe, have relatively limited knowledge on the research & innovation programmes offered by the European Union. Therefore project organisers put high emphasis on the quality and quantity of activities and material offered by the EU Corner. Altogether, 4 EU Corners were set up, one at each location in a highly visible place:

La Palma: 16:00 – 22:00, Town Cultural Centre, Assembly room

Tenerife: 16:00 – 23:00, Plaza de Europa

El Hierro: 18:00 – 23:30, Plaza de Tigaday

Lanzarote: 18:00 – 00:15, Town Cultural Centre

European Corner activities were organised by a project co-organising associate *Europe Direct Las Palmas* (the nearest, regional division of Europe Direct). Free material on European research opportunities (including information on education and scholarship possibilities, mobility of reserachers) books and gadgets for children were in display at each venue in 3 languages (Spanish, English and in German). Additionally, in Tenerife and in El Hierro two representatives of the office were presented offering first-hand advice to interested visitors in Spanish and in English (for residents and foreigners).



Europe Corner team at El Hierro



Visitors of EC Corner in Tenerife

As a rough estimate around 400 – 600 people visited the EU corners, many of which also exchanged ideas with the represented “European contact points”.

Estrellas Theatre School Show - Tenerife

As part of the activities at the main stage in Puerto de la Cruz, attendants got a special performance by the Estrellas Theatre school. This school is part of the cultural initiative of the Puerto de la Cruz municipality, and they prepared a very beautiful display about volcanoes that gathered more than 150 people as audience.



The Estrellas Theatre school was colourful and emotive at the same time

Volcanoes for kids

In order to attract the younger generation and facilitate the attendance of families, what is more to provide a possibility for parents to 'freely' take part in activities they are interested in, particular corners were set up offering specific activities for kids in Tenerife, El Hierro and Lanzarote. May be the most successful example the one organised in Puerto de la Cruz, where dozens of children participated in volcano games and quizzes. Here, both INVOLCAN and the University of La Laguna set up stands where kids took part in different activities, starting from creating the Earth to the rocks ejected by the last volcanic eruption of the Canaries, in El Hierro, 2011-2012. The goal of these two stands was to let the children play and, at the same time, learn more about the geological history and background of their islands. For sure this was the funniest time of the day, as kids asked many 'very-hard-to answer' questions from the participating researchers. It has to be metioned that numerous volcanologists marked this activity as one of the most remarkable action of the whole event. More than 150 children enjoyed this part of the celebration, and even some schools brought their little students to the Plaza Europa, as part of their recreational activities.



Researchers from the University of La Laguna (ULL) during the preparation of 'Kids Corner'



Lot of kids where delighted with the 2011-2012 El Hierro eruption rocks at one of INVOLCAN stands

Side events

In addition to the planned 'official' activities further actions initiated by local collaborators and players took place in all islands; some of them occurred before or after the 'official' programme elements, while some others in parallel to the main schedule at alternative locations.

These activities were promoted together with the main programme making Volcanoes Night II even more vibrant and eye-catching for a Friday-night out.

Wine tasting with scientists

Visitors of these side events gained a truly original experience by taking part in this non-usual wine-tastings organised by local wineries on each island. Programmes started with a guided visit of the wine cellars (only at locations, where it was possible), during which local staff gave a LIVE introduction on how wines are produced in the certain cellar. Afterwards an interactive presentation on the correlation between the chemical composition of soil and wine quality was held by volcanologists. These were followed by discussions where scientists together with winemakers exchanged ideas on the role of volcanism in wine quality. All these were accompanied by in-situ testing of samples of local wines. In total, sessions were held in La Palma, in Tenerife, in El Hierro and in Lanzarote. As a whole, 100 people participated at these activities.



Wines and volcanoes was one of the most attractive programme elements of Volcanoes' Night II.

Telescope Observation

La Palma:

'Volcanoes of the Solar System', 20:00 – 22:00, Casa de Los Volcanes

Participants of this side event were shortly introduced to the historical volcanic activities of other planets. This intro was followed by projections, during which attendees visited the volcanoes of Mercury, Venus, Mars and some moons. Participants also had the chance to see and touch samples of meteorites. This activity attracted around 60 participants.

Tenerife:

'Observation of Stars from an Active Volcano', 22:00 – 23:45, National Park of Las Canadas, Teide.

The night sky of the Canary Islands is a world leader for their particular conditions: little light pollution, the geographical location, the height of the islands, and the wind regimes all undoubtedly contribute to an excellent astronomical quality. This activity attracted 42 people, who went up to 2000 metres to Las Cañadas Caldera to enjoy a programme focusing on the relationship between the volcano and the Universe. The weather was fine, with very clear sky and no wind and allowed attendees to enjoy the magnificent show.



Around 40 people enjoyed the sky of Tenerife from Teide Volcano

Lanzarote:

Telescope observation of the best celestial object of the night, 00:15 – 01:15

This one-hour long tour was held by César Piret & Gistavo Muler (Astronomía Lanzarote) and attracted 25 visitors.

'Planetarium of the Elder Museum of Las Palma de Gran Canaria', 18:00 – 22:00

A portable planetarium was installed at the venue to let participating children discover the secrets of the universe.



Children entering the Planetarium in Yaiza, Lanzarote

Exhibitions

La Palma: Art and Exhibition Salon of Fuencaliente

Painting exhibition 'Pictorial Visions of the Volcano', 18:00 (27th of September) – 18:00 (29th of September) – by the artists Angel Manuel González Gaitán and Alejandro Tosco

Tenerife: Art Salon of CajaCanrias

Exhibition of volcanic stone sculptures 'Sculpting Lava Synthesis', 18:00 (27th of September) – 20:00 (29th of September) – by artists: Guillermo Batista, Régis Chaperón, Cyphelly, Ayose Dominguez, Máximo magro, Roberto Martinón, Fernando Mena, Tomás Oropesa, Mauricio Pérez, Ana Ruiz Agüí, Maribel Sánchez and Pedro Zamorano

El Hierro: Conjunto Rural El Sitio (C/. Carrera 26.)

Exhibition of sculptures 'Necklaces Restingolitas', 10:00 -15:00 – by Luis Ojeda

Lanzarote: Town Cultural Centre

Exhibition of volcanic stone sculptures, 18:00 – 00:15 – by Professor Paco Curbelo and his students of the 'Pancho Lasso' School of Art

The series of these spectacular exhibitions very well presented how science and art could be related. It is estimated that these displays directly attracted about 150 participants throughout the night itself, while around 600 visited the exhibited objects during the weekend in Tenerife and in La Palma.