



# **National Coalition**

Greece

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## **Action Plan 2018**

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Status Report to outline the progress against the Action Plan established earlier. The objective of the Action Plan is to describe your plan and how you will implement your associated activities in 2018.

**Digital skills for ICT professionals**

**Digital skills in education**

**Digital skills for labour force**

**Digital skills for all citizens**



## Status Report

### 1. National Coalition structure and contact details: emails, website, social media

The Greek National Coalition consists of agents interested in eliminating the digital gap in the country. The Greek National Coalition aims at involving stakeholders representing a wide spectrum of the society in addition to its founding members.

#### FOUNDING MEMBERS:

A. The Digital Champion, Nikos Michalopoulos, <https://ec.europa.eu/digital-single-market/en/digital-champion-greece> , [n.michal@ydmed.gov.gr](mailto:n.michal@ydmed.gov.gr)

#### B. PUBLIC SECTOR FOUNDING MEMBER:

1. Ministry of Administrative Reconstruction, <http://www.minadmin.gov.gr/>
2. Ministry of Digital Policy, Telecommunications and Media, <http://mindigital.gr/>
3. Ministry of Labour, Social Security and Welfare, <http://www.ypakp.gr/>
4. Ministry of Education, Research and Religious Affairs, <http://www.minedu.gov.gr/>
5. Ministry for Economy and Development, <http://www.minfin.gr/>
6. General Secretariat for Gender Equality, <http://www.isotita.gr/>

#### C. PRIVATE SECTOR FOUNDING MEMBERS

1. Foundation of Hellenic ICT Enterprises, <http://www.sepe.gr>

Greek National Coalition:

[www.nationalcoalition.gov.gr](http://www.nationalcoalition.gov.gr)

[nationalcoalition@ydmed.gov.gr](mailto:nationalcoalition@ydmed.gov.gr)

Twitter: @nationcoalition

LinkedIn: Greek National Coalition



## 2. Key achievements of the National Coalition for the past months (the 1<sup>st</sup> semester of 2018) (if relevant)

Please give some examples of:

### - Events, activities

1. Approval of the National Coalition on 28<sup>th</sup> April, 2018.
2. Launch event at Ioannina (Region of Epirus) on 11<sup>th</sup> June, 2018.
3. Announcement of the Google Hellas training programme in digital marketing for SMEs on the island of Crete within the framework of the National Coalition on 5<sup>th</sup> March, 2018.
4. Extension of the Google Hellas training programme at the Region of Epirus within the framework of the National Coalition on 11<sup>th</sup> June, 2018.
5. Presentation of the Digital Opportunity Traineeships project in the Region of Epirus (pilot) and of the relevant tools to underpin the SMEs by the National Coalition on 11<sup>th</sup> June, 2018.
6. The issue of the Ministerial Decision (GOG 1164/B/2018) which introduces National Coalition to the national legal order.

### - Communications

All the above were communicated through the official website of the National Coalition ([www.nationalcoalition.gov.gr](http://www.nationalcoalition.gov.gr)) and its Twitter account (@nationcoalition).

### - Contribution to national digital skills strategy (status)

Up to now the emphasis has been put on the axe of enforcement labour. Forthcoming actions focus on the other axes.

### - How many organisations are actively involved in your National Coalition?

Until March 2018, five (5) Ministries, one (1) General Secretary and one (1) agent from private sector were involved in the coalition. In March 2018, Google Hellas became a member of our coalition and in April 2018 Hellenic Open University and Municipality of Athens (Local Government) joined the Coalition. We are currently in a series of meetings of various stakeholders so that our Coalition will be enlarged. New members as well as pending ones are included in monthly reports.



- **Are employment services, social partners, civil society being part of your National Coalition? (please add examples of organisations)**
3. National employment agencies are represented in the Coalition through their supervising agency, namely the Ministry of Labour, Social Security and Welfare. The Foundation of Hellenic ICT Enterprises is a social partner. SocialInnov and Revive, both representing the third sector, have also applied to become members of the coalition. Finally, Hellenic Federation of Enterprises is pending.



#### 4. National strategy for digital skills in your country

- Does your country have a national strategy for digital skills developed and sponsored by the government?

Either as a part of other strategy e.g. Digital Agenda or separate document. **Please give a link to the document.**

<http://www.nationalcoalition.gov.gr/wp-content/uploads/2018/02/PILLARS-DESCRIPTION.pdf>

Our country submitted the national strategy for digital skills entitled “Enhancing Digital Skills & Jobs in Greece-National Action Plan 2017-2020” to the European Commission in October 2017.

The “Action Plan 2018” was submitted on March 19<sup>th</sup>, 2018.

**If yes,**

- **What are the main priorities according to the strategy regarding digital skills?**

Our National Action Plan is articulated in five (5) pillars. That is:

1. Digital Skills and Public Sector. Pillar coordinator: Ministry of Administrative Reconstruction
2. Transitioning to a Digital Economy to Promote Growth. Pillar coordinator: Ministry of Digital Policy, Telecommunications and Media
3. Enhancing Digital Skills through Education, Research and Religious Affairs. Pillar coordinator: Ministry of Education, Research and Religious Affairs
4. Promote Digital Talent to Greek Labour Market. Pillar coordinator: Ministry of Labour, Social Security and Welfare
5. Increasing the Greek Female Talent in Digital Jobs. Pillar coordinator: General Secretariat for Gender Equality

Each pillar has distinct fields from which specific priorities derive. Furthermore, priorities determine strategic objectives.



## 5. Will you...

**You can simply reply YES or NO**

- **Have you communicated to stakeholders within your National Coalition about the Digital Opportunity scheme?**

Relevant information is available on our website ([www.nationalcoalition.gov.gr](http://www.nationalcoalition.gov.gr), <http://www.nationalcoalition.gov.gr/business-internship/>) and we have informed our members through individual meetings. Also, we use social media to inform our members about this initiative.

Finally, relevant events have been organised (see also, Actions 44,46,subaction 47).

- **Communicated to stakeholders within your National Coalition about the thematic pledges (one on women and girls in ICT (past) and one on coding (current))**

A code event in Athens has been included in our Action Plan (see also, Action 48).



## Action Plan 2018

Please indicate your Action Plan for 2018.

- **Key policy actions (on local, regional or national level)**

**Action 1. (GOOGLE HELLAS)** Training in digital marketing for SMEs to enhance the extension of tourist season in regions of Greece.

**Action 2.** Digitalisation of Museums, historical monuments and sites of Greece and promotion through digital platform.

**Action 3. (MINISTRY OF LABOUR)** Subsidized action for the creation of job positions to Bodies of Social and Solidarity Economy for 18 months. Salary cost will be covered partly or in total.

The total Number of Beneficiaries will be 2,000 young unemployed up to 24 years old. The budget will be 20,000,000 €

**Action 4.** Creation of job positions in ICT enterprises for 12 months.

The total number of beneficiaries will be 500 young unemployed aged 25 to 29 years old. The budget for the programme will be 7,000,000 €

**Action 5. (HELLENIC FOUNDATION OF ICT ENTERPRISES-SEPE)** Organisation of actions on training, certification and up-skilling in the field of ICT at Regional Level (13 Regions of the country). The number of beneficiaries will be 3,000 unemployed from the age of 18 to 24.

**Action 6.** Organisation of actions on training and certification in the field of ICT for those already employed at Regional Level (13 Regions of the country). The beneficiaries will be 1,250 employed.

**Action 7. (MINISTRY OF LABOUR)** Training in ICT within the framework of the programme “Promoting employment in the 34 municipalities with the highest unemployment rates” that is currently under implementation and will last for 8 months. It refers to long-term unemployed in fields proposed by the municipalities.



**Action 8. (UNIT OF INNOVATION & BEST PRACTISES within the framework of the National Coalition)** Organisation of three (3) communication/diffusion events among the members of the National Coalition and stakeholders at regional and/or local level from all parts of society to promote NC policy on digital skills. Specifically, events have been planned at Ioannina (completed), Thessaloniki and at the Region of Thessaly.

**Action 9.(GOOGLE HELLAS)** Seminars addressed to the next generation of professionals in tourist industries in cooperation with the educational institutions (40+) at national level. Within the framework of the seminar, participants attend a wide range of units, such as understanding and usage of search engines, on line advertising and usage of social media, guidelines in using web analytics tools and webpage designing. Moreover, case studies, relevant to each unit, are presented by enterprises in tourist industry.

**Action 10. GOOGLE HELLAS** aims at extending Action 1 to more destinations throughout the country at regional and local level, starting from the Region of Epirus and the city of Thessaloniki. Online advisors will offer both one-to-one consultations and group seminars to local businesses through physical presence. The advisors move to various cities of each Region (eg. Herakleion, Lasithi, Rethymno, Ioannina etc) and extend their stay according to the needs of the program.

**Action 11.**

**(UNIT OF INNOVATION & BEST PRACTISES within the framework of the National Coalition)**

- a. study on mapping digital skills and jobs in Greek public administration,
- b. corresponding digital jobs to training programmes (launched in 2019) and
- c. training programmes aiming at facilitating access to labour market.

**Action 12.**

**(MINISTRY OF ADMINISTRATIVE RECONSTRUCTION)** Organisation of around 10 Open Public Data workshops and one day seminars aiming to train 100 employees in services of the public sector as well in civil organisations, on the use and reuse of open data.





**Action 13.**

Organisation of one day event “Open Public Data Awards and “Hackathons”” to promote good practices on open data use of public sector datasets by the private sector through developing innovative applications and award the best ones.

**Action 14. (MINISTRY OF EDUCATION)**

Development and upgrading of existing infrastructure of early childhood, primary childhood, primary, secondary and vocational education to 671 school units in the Regional Authority of East Macedonia and Thrace Prefecture. The aim is to support ICT technology use in Primary and Secondary Education promoting equal digital and entrepreneurial competences for all.

**Action 15.** Provision of primary and secondary education infrastructure to 103 school units in the Regional Authority of South Aegean Prefecture (small islands). The aim is to support ICT technology use in Primary and Secondary Education promoting equal digital and entrepreneurial competences for all.

**Action 16.** Provision of primary and secondary education infrastructure to 435 school units in the Regional Authority of South Aegean Prefecture (big islands). The total number of individuals is estimated at 3,513 and the number of participants will be 3,521 persons till July 2018. The aim is to support ICT technology use in Primary and Secondary Education promoting equal digital and entrepreneurial competences for all.

**Action 17.** Upgrading of primary and secondary education infrastructure to 189 schools. in the Regional Authority of Northern Aegean Prefecture. The number of participants is estimated at 6.626 people till July 2018. The aim is to support ICT technology use in Primary and Secondary Education promoting equal digital and entrepreneurial competences for all.

**Action 18.** Upgrading of primary and secondary education infrastructure to 144 schools in the Regional Authority of Northern Aegean Prefecture. The aim is to support ICT technology use in Primary and Secondary Education promoting equal digital and entrepreneurial competences for all.



**Action 19.** Upgrading of initial vocational training infrastructure to 21 school units in the Regional Authority of Northern Aegean Prefecture to support ICT technology use in Secondary Education promoting equal digital and entrepreneurial competences for all.

**Action 20.** Upgrading early childhood, primary and secondary education infrastructure in 765 school units in the Regional Authority of Mainland Greece Prefecture.

**Action 21.** Upgrading of digital equipment in 908 school units in the Regional Authority of Central Macedonia.

**Action 22.** Upgrading of primary and secondary education infrastructure in 262 schools in the Regional Authority of the Ionian Islands.

**Action 23.** Provision of digital equipment for 962 school units in the Regional Authority of Thessaly Prefecture.

**Action 24.** Pilot project to support actions for vocational education, training and apprentice in 9 school units aiming at enhancing the capability of remote communication (interconnection of various local points in real time with sound and image) in order to exchange knowledge and experience between students and teachers.

**Action 25.** Extension of Action 24 to 145 school units.

**Action 26.** Adult training by municipal Lifelong Learning Centres. All adults regardless of their employment status or educational level are eligible. 84,000 individuals are expected to participate.

**Action 27.** Initial vocational training programmes in public and private Institutes of Vocational Training. The target-group consists of high school graduates in need of vocational training and retraining. 3,500 beneficiaries are expected to participate in 2018. Through this action, beneficiaries will be able to develop the adequate skills



according to their field of specification, facilitate their initiation in the labour market and adjust to the volatile requirements of production.

**Action 28.** Second chance schools. From 2017 to 2018, there have been 68 second chance schools with 5,000 trainees. Also, there are 12 such schools in prisons. The aim is participants to form connection with educational and vocational systems, improve their position in the workplace, introduce themselves to labour market and acquire up-to-date knowledge and skills.

**Action 29.** Training of teachers (public and private education systems) for the utilization and application of ICT in the teaching practice. 120,000 teachers will be the total number of the participants. 20,000 is expected to participate till July 2018. Beneficiaries will be able to achieve their teaching and learning goals through ICT use.

**Action 30.** Extension and utilization of digital educational platform, interactive books and learning objects repository. Teachers of all levels, primary and pre-primary students and the wider educational community are the target groups. The aim is to support 9 digital systems cater for parents, students, teachers, researchers and the scientific community in general.

**Action 31.** Digital educational material for students sitting for the entrance exams at universities. The aim of this action is to facilitate students and teachers for the entrance exams.

**Action 32.** Overall design and development of accessible digital educational material. This action caters for students with disabilities and special educational needs with: 1) vision problems (blind, blunt), 2) hearing problems (deaf, hearing impaired), 3) kinetic problems, 4) moderate and light mental disability, 5) autistic spectral disorder, 6 ) learning difficulties and 7) attention and concentration problems.

**Action 33. (HELENIC OPEN UNIVERSITY-HOU) Digital Skills for All initiative.** “Get digital skills for all” - Short Learning Programmes (SLPs) developing digital skills to encourage people to be active in our digital society. The initiative is launched in Cooperation with the Ministry of Digital Policy. As part of the EC’s Digital Skills and Job Coalition, Hellenic Open University (HOU) is actively involved in aspects of



educational strategy, skill requirements analysis and skills assessment, and preparation of targeted Short Learning Programmes, adopting EADTU (European Association of Distance Teaching Universities) principles; learning outcomes map to skills, teaching/learning is based on embedded scaffolding, using nano-units and accreditation that can be regulated by the ECTS scheme. (Expected target group: 150.000 citizens, due to start autumn 2018). Foreseen curricula include classes based on the DigComp Framework, but special care is given to attract female population for acquiring digital skills

**Action 34. Organisation of actions on training, and up-skilling in the use B2F platforms and MOOC platforms.** A training methodology for integrating b2f business model within microSMEs and how to utilize freelancer teleworking platforms. The business-to-freelancer (b2f) model, serviced by teleworking platforms, facilitated by information and communication technologies and skills building frameworks (DigComp and EntreComp) will enhance the competitiveness of SMEs and the employment skills of professionals. Will be organised in cooperation with the Chamber of Achaia in Patras and Corfu. This action also includes awareness training for SME's and Freelancers regarding the business/training opportunities of using MOOC platforms for upskilling and reskilling personnel. Special focus is given on digital skills for the workplace, escalating to digital skills for ICT professionals. Planned to start by Nov 2018 and continue throughout 2019. Beneficiaries are ca 300 SME's and 600 freelancers, and 3 clusters: business & entrepreneurial communities, ICT & digital creativity, social entrepreneurship

**Action 35. Organisation of Dissemination and Multiplier Events**

The Hellenic Open University (HOU) will actively organise or co-organise events that promote scientific and technological aspects. Digital Skills are on the forefront, but also events related to digital innovations and many STEM events are foreseen. The events will be held throughout the country during 2018.

The most important are:

A. Organization of the "Digital Technology Week" during 2018, a typical 3day event, held in 30 remote - rural locations around Greece, where the "Rural Broadband" project has recently enabled broadband connections. Target Visitors ca. for onsite ca 3,000, online reach 15,000). The event actively involves local communities and aims to inform participants about the benefits of broadband



connectivity and digital skills. Digital skill classes presented at the sessions are available online

B. Organization of the “Patras Science Festival 2018”. A 5day event in Patras, showcasing STEM and sciences in general, targeted towards the general population, focused on kids and parents (ca. 6,000 visitors expected)

C. Co-organisation (with the other 2 Academic Institutes in Patras) of the Patras Innovation Quest (Patras IQ) Technology Transfer Exhibition. Targeted towards the general population and businesses (ca. 4,000 visitors expected), its main objective is to create a critical competitive advantage both in the research community as well as in the productive sector, through a constant effort to solve problems and apply innovative ideas for the development of new products and services and the optimization of existing ones, which aspire to conquer a part of the national and global market.

D. Open Robotics – 1st Greek Competition on Open Robotics, Physical Computing, Open Technologies (Co-organization, Members of the Scientific Committee)

E. CodeWeek 2018, Planned for 6-21 October 2018

F. Organisation of Summer Schools for professionals

G. Training sessions for Schools, separate for teachers and students, for Arduino and Scratch around Greece are planned

### **Action 36. Active participation in Research Programmes**

Hellenic Open University (HOU) as an academic partner is performing research especially on aspects of adult distance education, and follows a multi-disciplinary approach to addressing contemporary educational challenges in partnership with many sectors of education and industry across Europe. HOU is actively involved in aspects of educational strategy, skill requirements analysis and assessment and preparation of targeted courses, where learning outcomes map to skills. HOU has been implementing various R&D projects funded by national and EU programmes. Notable examples which are expected to yield results in 2018 and 2019 include the **Assessment of the Digital Competence Framework in Greece**, which will develop an integrated modular system, the “Digital Competences Development System - DCDS” and use it to develop basic digital and transversal competences of low-skilled adults.



**Action 37. (SOCIALINNOV (NGO))** Tech Talent School: Intermediate and advanced courses for professionals revolving around computer science and digital skills in general. Main beneficiaries: approximately 5000 (age 18-35) targeting refugees, immigrants, unemployed youth, female participants and anyone who wishes to acquire new or expand existing digital skills within the timespan of one year.

**Action 38.** Train the Trainers (Curriculum): Preparing and educating instructors in our technical curriculum as well as their in-class performance and behavior. The ability to impart knowledge does not come naturally and it is essential in order for the audience to be able to follow the class regardless of their background. Main beneficiaries: approximately 200 people (age 22+).

**Action 39.** Train the Trainers (Digital Transformation): The program focuses on the digitization of the instructors' teaching methods in order for their audience to become familiar with digital education mentality and methods of the 21<sup>st</sup> century. Main beneficiaries: approximately 200 people (age 22+).

**Action 40.** Start Project: Located at the "Lela Karagianni" building in the center of Athens, this project offers free digital skills courses to all the citizens of the Municipality with the goal of assisting those who are not familiarized with the internet and computer software to learn how to use invaluable digital tools in their everyday routine. Its main goal is to tackle the problem of the existing digital skills gap in Greece (structural unemployment). Start Project also focuses on underserved groups such as immigrants and refugees in order for them to easily transition into their new reality and become active members of our society by familiarizing themselves with the aforementioned digital tools. The total number of beneficiaries will be approximately 2000 people for duration of twelve months.

**Action 41.** Start Project 65+: The projects also intends on assisting people who are 65+ years of age to familiarize themselves with as many digital tools as possible in order for them to be able to complete tasks such as paying bills and contacting civil services in an efficient manner.

**Action 42.** Hub Science: A series of free seminars revolving around various scientific fields aiming in explaining the mysteries of science in a simple and entertaining manner.



**Action 43. (UNIT OF INNOVATION & BEST PRACTISES within the framework of the National Coalition)** Technical meetings to support the members of the National Coalition (communication of the rights and obligations deriving from the contract, familiarize with the templates and the methodology of reports, communication of the actions, use of social media of the National Coalition, promotion of synergies, reviews).

**Action 44.** Organization of events to communicate the Digital Opportunity Traineeships project at Regions and at universities.

**Action 45.** Organizing digital skills action to be held at the Region of Thessaly with the contribution of members of the NC.

**Action 46.** Technical Assistance of the NC to the regions interested in promoting the Digital Opportunity Traineeships project (i.e. Region of Central Macedonia, Region of Thessaly, Region of Central Greece).

**Action 47.** Participation of the National Coalition in the Thessaloniki International Trade Fair in September.

**Action 48.** Promoting coding at schools through participation in 2018 Europe Code Week at a weekend between 6 and 21 October.

**Action 49. (CITY OF ATHENS)** Innovathens is not only the main meeting place for young entrepreneurs and innovators, but also a significant digital education centre. More than 40 cycles of IT seminars are carried out every year. In three years, Innovathens programs have benefitted more than 100,000 participants. Innovathens will carry on its activities in 2018, increasing its educational programmes, many of which are provided through live streaming via the “Diavlos” platform, from the Greek Research and Technology Network. Innovathens built its own Fab Lab for advanced manufacturing based at the Technopolis campus.

**Action 50.** Open Schools is in its third year of operations, with an exclusive donation from the Stavros Niarchos Foundation and coordination by the Athens Partnership. Through the Open Schools program, 25 public school buildings have been



transformed into meeting places and recreation centres where local community members are invited to take part in free recreational, cultural, and educational programming for all ages. Programs are offered after school and during weekends, better utilizing public space. They have now expanded the range of digital education programs, adding more courses and partners. Open Schools intends to train over 2,000 people in Information Technology programs this year.

**Action 51. (MATHEMAGENESIS)** In collaboration with Microsoft, Municipality of Athens launches a new educational and innovation program providing computer skills, coding. 3D printing and advanced manufacturing at Lela Karagiannis residence, in the area of Kypseli. Educational activities and seminars, called the Start Project, are planned for 4,000 people for the next year.

**Action 52.** Mathemagenesis pledges to increase the number of digitally-skilled municipal employees through online training on basic ICT skills. The beneficiaries will be 500 permanent municipal employees coming from under-served or geographically dispersed communities all over the country.

**Action 53.** Mathemagenesis pledges to promote women in IT and technology sectors by providing programming courses for female IT students or graduates. The number of beneficiaries will be 150 unemployed women from the age of 22 to 28.

**Action 54.** Mathemagenesis pledges to help small and medium-sized companies overcome barriers to using digital technologies for their training to become more competitive and grow. The beneficiaries will be 5-10 SMEs.

- **Key events, campaigns, trainings, activities etc.**

**Action 1. (GOOGLE HELLAS)** Training in digital skills and tools provided by Google through “Grow Greek Tourism Online” initiative and the relevant digital platform. The following methods are followed: face-to-face trainings, online advisors move on the ground and offer both one-to-one consultations and group seminars to local businesses. Additional one-to-many seminars will be announced for the last quarter of the year.





**Action 2.** Contract with the University of Crete on digitization of the collections of the Eleftherna Museum and promotion through Google Arts & Culture Platform.

**Action 3. (MINISTRY OF LABOUR)** Two hundred unemployed people with the adequate skills will be employed as DigiTrainers for the rest of the beneficiaries. Other characteristics: the programme will be repetitive in circles/versatile in the field of digital training according to the feedback received by the skills diagnosis mechanism/assessment through e-questionnaire yearly.

**Action 4. -**

**Action 5. (SEPE)** Newsletters, press releases, website, events (conferences, open events, seminars), leaflets, videos, banners etc.

**Action 6.** One-day seminar, local/national press releases, announcements, printed material, website, social media, banners etc.

**Action 7.** Press releases, websites, call through the local recruitment agencies (oaed) for the beneficiaries to enroll in the relevant platform.

**Action 8. (UNIT OF INNOVATION & BEST PRACTISES within the framework of the National Coalition)** Deliberation events held at local and regional level, workshops in digital skills at local and regional level, event at the end of 2018 to present the annual and the forthcoming activities within the framework of National Coalition.

**Action 9. (GOOGLE HELLAS)** Training is articulated in 2 or 3-hour seminars. Topics vary from how to build a website to social media marketing and analytics.

**Action 10.** Expansion of training programs on Digital Marketing for SMEs in the field of tourism sector through Google Platform in order to expand tourist season.

**Action 11. (UNIT OF INNOVATION & BEST PRACTISES within the framework of the National Coalition)** a&b. Mapping will contribute to the identification of the digital

skills required in specific job positions of the public sector and to the determination of relevant training programs to fill the digital gap. c. enhancement of pillar “labour”.



**Action 12. (MINISTRY OF ADMINISTRATIVE RECONSTRUCTION)** Training of 100 employees on the use and re-use of open data will be organised by the Ministry of Administrative reconstruction and will contribute to develop skills to the employees on how to use and re-use open data online.

**Action 13.** One day event to award best practices from the private sector on the development of digital applications in the use of public open data.

**Action 14. (MINISTRY OF EDUCATION)** Provision and installation of digital equipment.

**Action 15.** Provision of digital equipment.

**Action 16.** Provision of digital equipment.

**Action 17.** Provision of digital equipment.

**Action 18.** Provision of digital equipment.

**Action 19.** Provision of workshop equipment for adults training.

**Action 20.** Upgrading of digital equipment.

**Action 21.** Upgrading of digital equipment.

**Action 22.** Provision and installation of ICT digital equipment.

**Action 23.** Provision of digital equipment.

**Action 24.** Provision and installation of ICT equipment.

**Action 25.** Provision and installation of ICT equipment.



**Action 26.** 1. Training programmes of general education for adults 25-75 hours, 2. educational actions at national level, 3. educational actions at local level, after the demand of municipalities, 4. ICT training programmes for everyday use for the elderly, 5. general knowledge in ICT of all levels, 6. distant-learning.

**Action 27.** 1. Training programmes of initial training to high-school graduates, 2. Training programmes in ICT specializations.

**Action 28.** As stipulated in the second chance schools curriculum, computer literacy and interdisciplinary project are taught 6 hours per week.

**Action 29.** Teachers' training sessions.

**Action 30.** Expansion of digital platform, diffusion of digital educational material-open educational sources included.

**Action 31.** Collecting educational material.

**Action 32.** Organisation, monitoring and management of the implementation of the Action, the scientific and pedagogical documentation of the action and the implementation of the internal evaluation, development of specialized digital educational material, non-stop training of the teachers in accessible educational material, development of website, publicity actions (posters, website, workshops, etc.).

**Action 33. (HOU)** The "Get digital skills" e-learning classes will be available in the form of enhanced video tutorials combined with certified digital, multimodal and interactive educational material, utilizing Learning Management Systems and/or MOOCs, designed by Hellenic Open University (HOU). Details and planning of events are underway.

**Action 34.** Organisation of actions on training, and up-skilling in the use B2F platforms and MOOC platforms. Details and planning of events are underway.

**Action 35. A.** Organization of the "Digital Technology Week", a typical 3day event, held in remote locations around Greece; 30 rural locations are scheduled to host the

event in 2018. A series of events that enhance interplay between digital technologies and the public through a learning platform by offering e-classes, workshops, oral presentations, teleconference sessions and round table Q&A sessions



Activities include the following:

- Highlighting effective uses of broadband, the educational sessions address various audiences, i.e. pupils/students, adults, e-entrepreneurship, and they provide people with basic digital skills used in everyday life and the workplace.
- For the hybrid e-learning sessions, students use an e-learning system with the assistance of an on-site tutor.
- Teleconference sessions include conferences with doctors and physicians, displaying applications of tele-medicine and e-health.
- Teleconferences set up communication among different communities.
- Round tables offer Q&A sessions, which are held in public places, with the participation of experts who present digital technologies with the public.
- Hackathons and digital competitions will soon be added.

**B.** Organization of the “Patras Science Festival 2018”. A 5day event in Patras, showcasing STEM and sciences in general, targeted towards the general population, focused on kids and parents The Patras Science Festival, is a festival devoted to Science and Innovation, and a cultural landmark in



the field of Science, Technology, Innovation and Art in Patras. In 2018, the Hellenic Open University organizes the festival for the 2<sup>nd</sup> time. STEM and digital technologies are promoted through workshops, exhibitions, live experiments and speeches. For 5 days, residents and schools in and around Patras have the opportunity to explore scientific and technological advancements in an entertaining, innovative and interactive manner. At the same time, researchers, distinguished scientists, educators and artists give their best to communicate science and indulge the visitors to participate in their experience with it. The «Patras Science Festival» is hosted at Hellenic Open University and in selected venues in Patras’ center.

**C.** Co-organisation (with the other 2 Academic Institutes in Patras) of the Patras Innovation Quest (Patras IQ) Technology Transfer Exhibition. Patras IQ is a Technology Transfer Exhibition - Patras Innovation Quest (Patras IQ). Its is held for the 5th time in Patras, and it is co-organized by University of Patras, the Ministry of



Education, Research & Religious Affairs, the Ministry of Economy & Development, the Chamber of Achaia, the Region of Western Greece, the Hellenic Open University and the Technological Educational Institute of Western Greece. Patras IQ has been honoured as the National winner and representative for the European Enterprise Promotion Awards (EEPA 2017), and has received the Education Business Award of 2016, and has been established as the continuous meeting of interconnection of know-how & innovation with entrepreneurship, with multiple positive effects; both on maintaining the rich research and entrepreneurial human capital of our country and on the overall development of the local, regional and national economy. This year's exhibition includes a variety of events, workshops and exhibitors' booths, while emphasis will be placed on the potential that will be provided in the future by the implementation of **5th generation wireless technology (5G)**. Exhibitors of Patras IQ are research, educational and other development organizations, as well as start-up and innovative enterprises and spin-offs. In addition, the exhibition allows joint participation with a Collaborative Exhibition booth (of research laboratories and start-ups) cooperating to implement innovative products or services.

During the Exhibition funding opportunities for innovative ideas will be presented and advisory services for their further development will be provided. The exhibition will be attended by representatives of the State, Ambassadors, representatives of Innovation and Small and Medium Enterprises, representatives of financial and investment organizations from Greece and abroad.

**D.** Open Robotics – 1st Greek Competition on Open Robotics, Physical Computing, Open Technologies (Co-organization, Members of the Scientific Committee). Details and planning of events are underway.

**E.** CodeWeek 2018, Planned for 6-21 October 2018. Details and planning of events are underway.

**F.** Organisation of Summer Schools for professionals. Details and planning of events are underway.

**G.** Training sessions for Schools, separate for teachers and students, for Arduino and Scratch around Greece are planned. Details and planning of events are underway.



**Action 36.** Active participation in Research Programmes.

**Action 37. (CITY OF ATHENS)** Repetitive courses, updated on a monthly basis, with new courses added each month in order to enrich the curriculum as much as possible. The frequency of each course will be shaped according to its popularity and overall demand. Use of social media channels in order to keep our audience informed and updated.

**Action 38.** Physical events and live webinars in order to train individuals from NGO's and the broader education sector.

**Action 39.** Physical events and live webinars in order to train individuals from NGO's and the broader education sector.

**Action 40.** Seminar and dissemination of the project's actions and continuation through popular social media channels. Networking events and gatherings in order to bring the neighborhood closer and explain to more and more citizens how we operate and what our goals are. Collaborations with NGO's who assist underserved groups, refugees and immigrants.

**Action 41.** Gatherings in order to bring the neighborhood closer and explain to more and more citizens who are 65+ how we operate, what our goals are and how they can benefit from our initiative. Collaboration with the Municipality of Athens.

**Action 42.** Monthly open call and newsletter.

All of the aforementioned actions operate under the umbrella of Social Innov and are interconnected as initiatives of a wider venture.

**Action 43. ((UNIT OF INNOVATION & BEST PRACTISES within the framework of the National Coalition))** Three (3) technical meetings with the members of the Coalition will be held as follows:

- one (1) meeting with the founding members,
- one (1) meeting with the new members and
- one (1) meeting with all members at the end of the year for the annual review and to decide on the next steps of the Coalition.



**Action 44.** Two events (one-day-seminars) have been planned so far:

- one (1) at the Region of Epirus: the target groups are SMEs in the field of tourism and local universities. A special online form has been uploaded at the website of the Coalition to facilitate SMEs' participation in the project,
- Stavros Niarchos Foundation (in Athens/Region of Attica): target group: representatives of local universities. Online registration will be available, following a ppt presentation. This event will be held in cooperation with the Ministry of Education.

**Action 45.** Training in digital skills for local companies.

**Action 46.** Presentations, instructions, online registration in Greek.

**Action 47.** National Coalition will participate in the International Trade Fair as follows:

- under the booth of the Ministry of the Administrative Reconstruction. National Coalition will have its own banner and promotional material addressing to the public. Moreover, slideshows presenting the Coalition (background, members, achievements, future goals, ways of participation) will be showed.
- Digital Opportunity Traineeships will be presented at the Municipality of Thessaloniki for the Region of Central Macedonia as well as the e-tools National Coalition has created to boost participation of companies and students.
- participation of National Coalition in the Code Week 2018 under Europe Code Week Grant will be announced (view also Action 48).
- GOOGLE HELLAS will announce the expansion of its training programme in digital skills (see also, Action 1).

**Action 48.** Unit of Innovation and Best Practices will take part in 2018 EU Code Week with a pilot programme. Twenty (20) schools of different parts of Greece will take part, aligning with the target of the EU for the participation of the 50% of European schools in EU Code Week by 2020. The target group of this pilot event is 100 primary school children (8-11years old), focused on girls. Synergies among the members of the Coalition may occur for this action, according to the organizational



issues that may arise, as well as with the Local Government. Our goal is to create and diffuse innovation in education based on the importance and perspectives of the knowledge of code in every Region of the country.

**Action 49. (CITY OF ATHENS)** Business Incubator [Presentation & Communication skills: Developing interview skills](#), [GreeceJS #23: GRAND stack & Cross platform engineering](#), [45o Samsung Service Lab](#), [Digital Marketing: Tools & Apps](#), [iOS Meetup](#), [«Leadership seminars»](#), [Innovation and Design Thinking in Mobile Applications and Services](#), [Athens Science Festival](#), [Digital Skills: Lab Adobe Photoshop](#), [Spoudase Festival 2018](#), [HTML & WordPress Lab](#), [Digital Skills](#)

**Action 50.** [Educational activities & seminars for kids, immigrants and elderly](#)

**Action 51.** Start Project provides digital skills, Microsoft Office, social media, graphic, design, 3d printing, digital transactions, programming internet & security to everyone <https://www.eventora.com/en/Organizer/startproject>.

**Action 52. (MATHEMAGENESIS)** Five hundred municipal employees or will be called to participate in this action. Eligible participants or municipalities will receive access to free online training in office and web applications for a 4-month period and will receive a certificate upon completion. Places will be allocated on a first registered, first served basis. This action will be a joint initiative of Mathemagenesis that will provide the training and the Ministry of Interior and Administrative Reconstruction that will promote this action to the interested municipalities.

**Action 53.** One-month free access to the online programming course of their choice will be offered to 150 young women that are IT students or graduates to help them acquire skills in order to enter the labour market. Participants will receive a certificate upon course completion. Places will be allocated on a first registered, first served basis. Newsletters, press releases, announcements to Higher/Vocational Education career services offices website, and social media will be used for the promotion of this action.

**Action 54.** Mathemagenesis invites 5-10 SMEs small and medium-sized companies to use digital technologies for their personnel training. Access to an asynchronous





free online training course of their choice (for 1-month period), plus a virtual instructor led-training event (webinar) through Mathemagenesis web-conferencing platform will be the core training activities of this action. This action aims to introduce the benefits of digitalization and online training to SMEs with low digital maturity level. Newsletters, press releases, announcements to local chambers of commerce, corporate websites and social media will be used for the promotion of this action etc.

- **Key communication actions**

All agents promote digital skills actions via the Internet. Consequently, relevant URLs are mentioned for every action.

**Action 1. (GOOGLE HELLAS)** [g.co/greektourism/crete](http://g.co/greektourism/crete)

**Action 2.** <https://artsandculture.google.com/>

**Action 3. (MINISTRY OF LABOUR)** [www.ypakp.gr](http://www.ypakp.gr)

**Action 4.** -

**Action 5. (SEPE)** [www.edu.sepe.gr](http://www.edu.sepe.gr), [www.sepe.gr](http://www.sepe.gr)

**Action 6.** [www.sepe.gr](http://www.sepe.gr)

**Action 7. (MINISTRY OF LABOUR)** [www.voucher.gov.gr](http://www.voucher.gov.gr), [www.oaed.gr](http://www.oaed.gr)

**Action 8. (NATIONAL COALITION)** [www.nationalcoalition.gov.gr](http://www.nationalcoalition.gov.gr), Twitter account @nationcoalition

**Action 9. (GOOGLE HELLAS)** [g.co/greektourism/certification](http://g.co/greektourism/certification)

**Action 10.** <https://learndigital.withgoogle.com/greektourism>



**Action 11. (NATIONAL COALITION)** [www.nationalcoalition.gov.gr](http://www.nationalcoalition.gov.gr), Twitter account @nationcoalition

**Action 12. (MINISTRY OF ADMINISTRATIVE RECONSTRUCTION)** [www.nationalcoalition.gov.gr](http://www.nationalcoalition.gov.gr)

**Action 13.** [www.data.gov.gr](http://www.data.gov.gr), [www.nationalcoalition.gov.gr](http://www.nationalcoalition.gov.gr)

**Action 14.(MINISTRY OF EDUCATION)** <http://www.epiteliki.minedu.gov.gr/?lang=el>

**Action 15.** <http://www.epiteliki.minedu.gov.gr/?lang=el>

**Action 16.** <http://www.epiteliki.minedu.gov.gr/?lang=el>

**Action 17.** <http://www.epiteliki.minedu.gov.gr/?lang=el>

**Action 18.** <http://www.epiteliki.minedu.gov.gr/?lang=el>

**Action 19.** <http://www.epiteliki.minedu.gov.gr/?lang=el>

**Action 20.** <http://www.epiteliki.minedu.gov.gr/?lang=el>

**Action 21.** <http://www.epiteliki.minedu.gov.gr/?lang=el>

**Action 22.** <http://www.epiteliki.minedu.gov.gr/?lang=el>

**Action 23.** <http://www.epiteliki.minedu.gov.gr/?lang=el>

**Action 24.** <http://www.epiteliki.minedu.gov.gr/?lang=el>

**Action 25.** [www.gsae.edu.gr](http://www.gsae.edu.gr)

**Action 26.** [www.gsae.edu.gr](http://www.gsae.edu.gr)

**Action 27.** [www.gsae.edu.gr](http://www.gsae.edu.gr)



**Action 28.** [www.gsae.edu.gr](http://www.gsae.edu.gr)

**Action 29.** <http://e-pimorfosi.cti.gr/>

**Action 30.** <https://e-me.edu.gr/>  
<http://ebooks.edu.gr/>  
<http://photodentro.edu.gr/>

**Action 31.** <http://www.cti.gr/el/activities-el/development-projects/item/80-digital-help-manual>  
<http://dschool.edu.gr/>

**Action 32.** <http://www.iep.edu.gr/el/espas-2014-2020/katholikos-sxediasmos-kai-anaptyksi-prosvasimou-psifiakoy-ekpaideftikoy-ylikoy>

**Action 33. (HOU)** <http://www.patras-science-festival.gr/>

**Action 34.** <http://digitalweek.eap.gr>

**Action 35.**

A. <http://digitalweek.eap.gr>

B. <http://www.patras-science-festival.gr/>

C. [https://www.patrasiq.gr/index\\_en.php](https://www.patrasiq.gr/index_en.php)

D. <https://robotics.ellak.gr/>

E. *not available yet*

F. *not available yet*

G. <http://eeyem.eap.gr/%CE%B1%CE%BD%CE%B1%CF%80%CF%84%CF%85%CE%BE%CE%B9%CE%B1%CE%BA%CE%AD%CF%82-%CE%B4%CF%81%CE%B1%CF%83%CF%84%CE%B7%CF%81%CE%B9%CF%8C%CF%84%CE%B7%CF%84%CE%B5%CF%82/>

**Action 36.** <http://www.dcds-project.eu/>

**Action 37. (SOCIALINNOV)** [www.techtalentschool.gr](http://www.techtalentschool.gr)

**Action 38.** [www.techtalentschool.gr](http://www.techtalentschool.gr)

**Action 39.** [www.techtalentschool.gr](http://www.techtalentschool.gr)

**Action 40.** [www.startproject.gr](http://www.startproject.gr)

**Action 41.** [www.startproject.gr](http://www.startproject.gr)

**Action 42.** Newsletter

**Action 43. (NATIONAL COALITION) –**



**Action 44.** <http://www.nationalcoalition.gov.gr/business-internship/>,  
[www.nationalcoalition.gov.gr](http://www.nationalcoalition.gov.gr)

**Action 45.** [www.nationalcoalition.gov.gr](http://www.nationalcoalition.gov.gr)

**Action 46.** [www.nationalcoalition.gov.gr](http://www.nationalcoalition.gov.gr)

**Action 47.** [www.nationalcoalition.gov.gr](http://www.nationalcoalition.gov.gr)

**Action 48.** [www.nationalcoalition.gov.gr](http://www.nationalcoalition.gov.gr)

**Action 49. (CITY OF ATHENS)** <https://www.facebook.com/innovathens>

<https://twitter.com/innovathens>,

[https://www.instagram.com/technopolis\\_athens/](https://www.instagram.com/technopolis_athens/)

[https://www.youtube.com/channel/UC\\_4LGACvxCFerYW1QCTiQww](https://www.youtube.com/channel/UC_4LGACvxCFerYW1QCTiQww)

**Action 50.** <https://www.facebook.com/Athens-Open-Schools>

<https://www.instagram.com/athensopenschools/>

[https://twitter.com/ath\\_openschools](https://twitter.com/ath_openschools)

**Action 51.** <https://www.facebook.com/startprojectgr/>

**Action 52. (MATHEMAGENESIS)** [www.mathemagenesis.com](http://www.mathemagenesis.com),

[www.ecoursesacademy.com](http://www.ecoursesacademy.com), <http://www.minadmin.gov.gr/>,

<http://www.nationalcoalition.gov.gr/arxiki/>, <http://pledgeviewer.eu/>

**Action 53.** [www.mathemagenesis.com](http://www.mathemagenesis.com), [www.ecoursesacademy.com](http://www.ecoursesacademy.com),

<http://www.nationalcoalition.gov.gr/arxiki/>, <http://pledgeviewer.eu/>

**Action 54.** [www.mathemagenesis.com](http://www.mathemagenesis.com), [www.ecoursesacademy.com](http://www.ecoursesacademy.com),

<http://www.nationalcoalition.gov.gr/arxiki/>, <http://pledgeviewer.eu/>