



DEVELOPMENT OF SUSTAINABLE URBAN CENTRES WITH ACTIVE INVOLVEMENT OF VOCATIONAL EDUCATION AND TRAINING (VET)

Trans-National Meeting in Barcelona 24.10 – 26.10.2018 (3rd meeting)

Report

By Per Nordmark,
Hordaland County Council



Barcelona, Catalonia



Participants

Organisation name	Nationality	Participant
EARLALL - European Association of Regional and Local Authorities for Lifelong Learning	Belgium	Absent due to other conference
Agenzia Umbria Ricerche	Italy	Daniele Adanti
Agenzia Umbria Ricerche	Italy	Maria Nicoletta Moretti
Instituto Professionale per l'industria e l'Atigiantato, Foligno	Italy	Mariarita Trampetti
Instituto Professionale per l'industria e l'Atigiantato, Foligno	Italy	Roberta Camilli
Instituto Professionale per l'industria e l'Atigiantato, Foligno	Italy	Catia Piermarini
BSC Kranj	Slovenia	M.Sc. Helena Cvenkel
Kranj School Centre	Slovenia	Lidija Grmek Zupanc
Barcelona Activa	Catalonia, Spain	Cristina Gil Adelantado
Barcelona Activa	Catalonia, Spain	Cinta Arasa Carot
Barcelona Activa	Catalonia, Spain	Sara Casas
Sotra Upper Secondary (VET school)	Norway	Ingrid Beate Læg Reid
Knarvik Upper Secondary School (VET School)	Norway	Kari Espelund Bruvik
Municipality of Fjell	Norway	Andreas Larsstuen Nordeide
Hordaland County Council	Norway	Per Nordmark
Hordaland County Council	Norway	Marit Kristine Einen
Hordaland County Council	Norway	Tor Ivar Sagen Sandvik
Hordaland County Council, Nordhordland næringslag	Norway	Vivian Kårbø

Trans-National Meeting Barcelona Participants Photo



Project partners participants (Sara Casas was absent when the picture was taken)

Program

Core issues to be tackled during the meeting:

- The role of a local development agency in the frame of the social and economic development strategy.
- The role of VET education in the local development.
- The role of the business in the local development.

DAY 1 - 24 th October 2018			
Time	Activity	Speaker	Venue
15:00	Registration		Barcelona Activa headquarters 162-164 Llacuna street
15:15-15:45	Welcome to Barcelona Activa Barcelona's Employment Strategy Specific programmes for youth	Mr. Paco Ramos Director for Employment strategies of Barcelona Activa	Barcelona Activa headquarters 162-164 Llacuna street
15:45-16:00	Barcelona Activa: mission and lines of activity	Ms. Cristina Gil, Head of International Projects and European Funds Department	Barcelona Activa headquarters 162-164 Llacuna street
16:00-17:30	<p>Presentation of our institution and visit to the Barcelona Activa's facilities:</p> <ul style="list-style-type: none"> - PORTA 22- Facility devoted to professional career advisement, including both in on-site and on-line resources. - Centre Creació d'Empreses- Centre for entrepreneurship support. A space with information, classrooms, interactive multimedia, expert advice, Advisory Point and Start of Procedures (PAIT) and content to start a business. - Business incubator: business incubator owned by the City Council and aimed at supporting young companies to grow. - Business Support Office (OAE) was created as the go-to place for Barcelona companies and SMEs. It is the point of contact, information and advisory services for the development and competitiveness of organisations. - Digital Training Center: Technological training for citizens, employees and entrepreneurs to empower them in the field of New Technologies and to improve their professional cv and entrepreneurial skills. 	Mr. Marc Sans City Promotion Department officer	Barcelona Activa headquarters 162-164 Llacuna street

17:30-18:30	Project activity follow up	Project partnership members.	Barcelona Activa headquarters 162-164 Llacuna street
20:30	Dinner		La Vinateria del Call Meeting point: In front of the City Hall main gate, in Sant Jaume square, 1

- The role of a local development agency in the frame of the social and economic development strategy.
- The role of VET education in the local development.
- The role of the business in the local development.

DAY 2 - 25 th October				
Time	Activity	Speaker	Venue	
09.00-11:30	Project activity and project management follow up	VET for Urban Centers -assessment of the Intellectual Output one	Project partnership members.	Món Room. Barcelona Activa headquarters 162-164 Llacuna street
		Coffee break		
		VET for Urban Centers- First steps of the intellectual output two		
		VET for Urban Centers -management state of the art		
12.00-13.30	Visit to ESHOB - Escola Superior d'Hostaleria de Barcelona The Escola Superior d'Hostaleria de Barcelona is a private, non-profit foundation, founded in 1985 on the initiative of the Union of Hotels and Restaurants owners and professionals to train future professionals and to support active professionals in their life-long learning and updating programs.	Iñaki Gorostiaga. Managing Director Marta Domingo. Marketing director	Taulat Promenade, 243	
13.30-14.30	Lunch at ESHOB		Taulat Promenade, 243	
15.00-16.00	Presentation of the witnesses participating in the program "We make employment for young people"	Sara Casas Coordinator of the project "We make employment for young people"	Món Room. Barcelona Activa headquarters 162-164 Llacuna street	
16:00-17:00	Presentation of Fundació Barcelona Formació Professional The mission of the Fundació BCN Formació Professional is to contribute to the socio-economic development of the city, based on the promotion of the relationship between the professional training and the economic ecosystem of the city of Barcelona and its Metropolitan Area. It promotes the vocational training needed by the economic tissue.	Jordi Castillo. European Projects & International Affairs	Món Room. Barcelona Activa headquarters 162-164 Llacuna street	
17:00-18:00	Project activity and project management follow up	Project partnership members.	Món Room. Barcelona Activa headquarters 162-164 Llacuna street	

DAY 3 - 26 th October 2018			
Time	Activity	Speaker	Venue
08:30	Meeting Point: Barcelona Activa headquarters 162-164 Llacuna street		
9.00-11.00	Institut Bonanova- Education center specialised in health. It has an innovative training system and close links with the hospitals network of Barcelona.	Roser Pagán. Coordinator of higher education training programs and responsible for international relations. Alberto Sorribas. Center Administrator and Quality Coordinator Marta Sorribas. Coordinator of the Health Documentation Program Maria Lorente. Coordinator of the area of image and radiotherapy	IES Bonanova
11.30-12.15	Visit to the Sustainable Jobs school. A City-Council owned school devoted to training young unemployed students in the field of ecological gardening. This school is developed in the framework of a wider program aiming at supporting young people under 25 to find a job. This program combines training with professional practice of jobs in the field of several emerging sectors.	Fernando Calleja. School director	Park Güell
12.15-13.45	Sum up and steps for the next meeting in Umbria	Project partnership members.	
14:00-15:00	Lunch		

Wednesday 24th October



The participants from all partners except EARLALL met at the premises of Barcelona Active in Barcelona.

EARLALL informed in due time before the meeting that they were blocked due to arrangement of another conference.

Session 1: Welcome to Barcelona Activa, - Barcelona's Employment Strategy, - Specific programs for youth

The delegation was welcomed by **Ms Christina Gil**, Head of International Projects and European Funds department.



Then **Mr Paco Ramos** also welcomed the delegation and presented Barcelona and Barcelona Activa.

Mr Paco Ramos address the partnership delegation

Some information from *Barcelona economic data October 2017*:

- ✓ Job creation is strong, and unemployment falling. The political situation creates a level of uncertainty, still this has not changed the international position of Barcelona.
- ✓ Gross domestic product has been growing continuously with around 3% for 4 years.
- ✓ Foreign investment in Catalonia has increased much from 2015, and Barcelona has 6500 foreign companies, mainly German, French and American firms.
- ✓ The export from Barcelona area has grown steadily and reached 51 billion € in 2016.
- ✓ In Barcelona 8755 companies was formed in 2015, and the positive development continues.
- ✓ By June 2017 85% of the jobs lost during the crisis was recovered
- ✓ The unemployment rate is 10,4% (2017), October 2018 9,7%.

Some information from the presentation:

- ✓ Catalonia has a population of 7,5 million
- ✓ City of Barcelona have a population of 1,5 million
- ✓ Barcelona Metropolitan have a population of 4,7 million
- ✓ There are 170 000 enterprises in Barcelona
- ✓ 80 % of the workforce is related to services
- ✓ (2017 1100 mill.)
- ✓ 700 € per month is a medium salary in Barcelona (735 € was informed to be a minimum wage).

City Council of Barcelona has made and are implementing an employment policy (this policy was distributed to the participants).

Barcelona is organised in 10 district and 73 neighbourhoods.

One out of seven of these neighbourhoods are outstanding when it comes to low salaries, - to high salaries, - on employment, - and on unemployment. On this background the work is concentrated to selected neighbourhoods.

Barcelona active

- ✓ Operate in 10 areas/ neighbourhoods out from 12 localities
- ✓ Work according to 4 strategic lines
- ✓ Apply 30 measures
- ✓ Apply 112 action
- ✓ At present 70 000 are unemployed in Barcelona (9,7%). Out of these 24 000 have been unemployed for more than 2 years. This group is particularly targeted.
- ✓ Barcelona Activa is gender sensitive and have also a perspective of the diversity in the community.
- ✓ Catalan Employment Services cooperate with Barcelona Activa.
- ✓ There is a vocational training foundation in Barcelona.

In 1986 Barcelona City Council set up Barcelona Activa as the city's local development agency to encourage the creation of small businesses as a foundation to generate jobs. Barcelona Activa now has 30 years of experience to work on support in entrepreneurship. At present it is made 1800 contract to give services to companies/entrepreneurs on various topics like social services, education, local businesses and retail.

Barcelona Activa want to know every body/ every organisation doing employments measures. At present around 110 are identified.

Barcelona Activa's motivation for joining this particular partnership; "VET in Urban Centres" is: To share ideas and good practises, and not fund raising.

Barcelona Integra

Coordinate 16 actors working on interaction.

Priority is vulnerable people. There is a plan in the City Council to employ 1000 people for this activity.

Barcelona Active might subsidise companies who take in/ employ unemployed people for a minimum of 6 months. The compensation is 10 000 – 12 000 € for 6 months (1000 € a month each person).

Presentation of our institution and visit to the Barcelona Activa's facilities

Mr Marc Sans, City Promotion Department Officer welcomed the partnership delegation, and both guided the group, and provided an impressive amount of information as the group was taken around the premises.



Glories Business Incubator

The incubator is a place for contact and interaction between innovative companies and the ideal setting for accessing value-added services such as training, advice and networking.

At the Business Incubator. The plates on the wall are indicating companies established, and colour indicate what type of company/business (right)



The incubator (building) can be accessed 24 hours 7 days a week. It is well equipped and have auditoriums, meeting rooms, offices, a "Thinktank" and new businesses can rent offices in the building for up to 3 years at a modest rate of 11€/m². There is also an auditorium where entrepreneurs might present their business ideas, and be monitored by an audience/ experts on the outside, invisible from the auditorium.

Barcelona Activa provides business advisory services and training seminars as well as activities for networking and interaction between companies to foster synergies. It also has support services for finding financing or accessing new markets, and the Enterprise-Employment Service which helps companies recruit staff.



Almogàvers Business Factory (ABF) host projects and companies associated with leading organisations in the entrepreneurial ecosystem. The mission has been to work with public and private organisations that bring together innovation to incubate new businesses from its surrounding area. The ABF has modules for companies and its new Coworking Space for professionals and microenterprises in the early stages of project development.

Mr Marc Sans is explaining at the area of Almogàvers Business Factory

20 000 persons have been using the services, 10 % are using the physical facilities, the rest use the services on the net.

60 new companies are at present located in the HUB.

Barcelona City Council allocate in 2018 56 mill € for financing new businesses. Barcelona City Council might finance 80%, Barcelona Active additional 14 %, and the remaining 6 % is financed by the rent paid for the space in the HUB and other sources.

Digital Training Center



This is a facility open daily from 08 – 20 with easy access from the street. It is daily visited by an average of 200 persons, who in various ways are searching for jobs.

The facility provides courses, for example on making a CV, how to perform at job interviews, how to make applications etc. It offers personal guiding by professionals for 20 min, and have facilities for job search etc.

Business Support Office (OAE)

“A unique space offering everything that your company needs to grow”.

The Business Support Office is located in a special-looking building, awarded for its design and environmental-friendly solutions. In brief OAE present itself like this:

“The Business Support Office is a **benchmark space for companies and SMEs** in Barcelona. It is a place for contacts, information and advice to **develop** and **strengthen** organisations.”

Business Support Office provides:

- ✓ Advice
- ✓ Training
- ✓ Management and procedures
- ✓ Events
- ✓ Business programs



“Information boxes” on ground floor for quick and relevant guiding/ handling of procedures

Under this the following services are provided, all in one place:

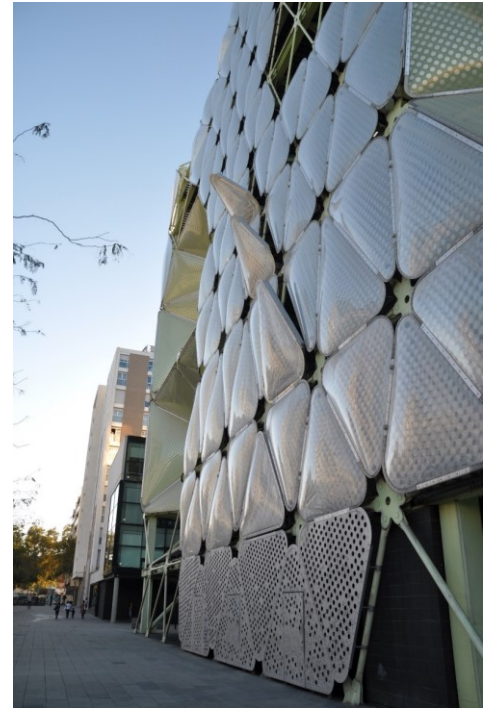
1. Company incorporation
2. Municipal information and procedures
3. Business funding
4. Business advisory services
5. Talent recruitment
6. Business transfer
7. Internationalisation and foreign trade procedures
8. Business location
9. Innovation
10. Espai Barcelona (a special innovative audiovisual space for presentations of all values of the city)



Business Support Office (OAE)

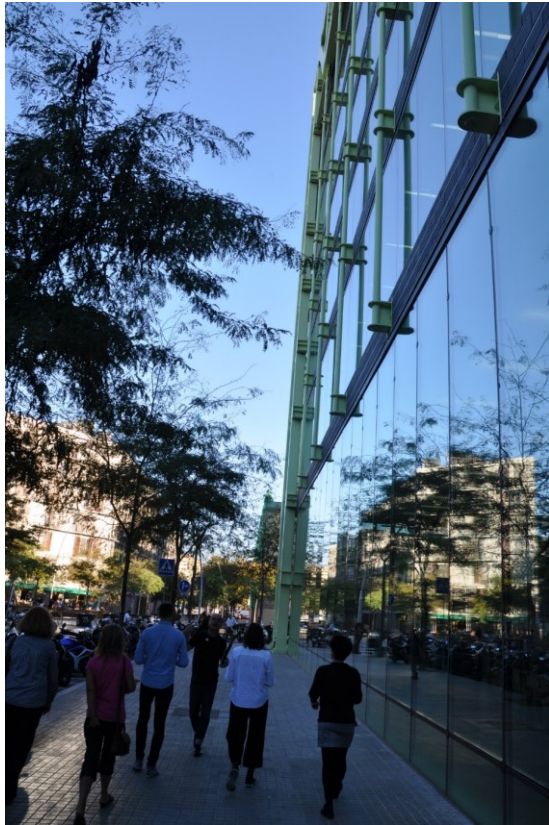
The building (under, right)

In the area of IT-section (left)



Some pictures illustrating the city environment, taken when walking between locations



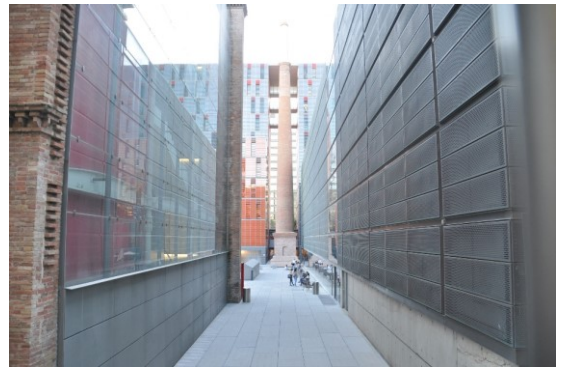


Charging station for electrical cars. Charging was at the moment free of charge



This part of Barcelona was developed by using environmental-friendly solutions. In this area 100 buildings were heated, and alternatively got energy for air-conditioning from burning waste which could not be recycled. Some older elements was maintained, to maintain ties to history and identity, like this chimney (under).

The traffic was heavy. Scooters was much used. Also electric scooters was introduced and increasing. Electric "Skating cycles" was quite commonly seen, taking minimum space in the traffic, and having a range of some 40 km.



The group got a glimpse of a coming electric car; Volkswagen **Vizzion**, as it was offloaded by a film studio.



Trans-National Meeting Dinner

The dinner was held in the evening near the Town Hall at the restaurant La Vinateria del Call. It was served delicious tapas, in a warm and friendly atmosphere.



Thursday 25th October

The Partnership delegates met at Barcelona Active premises for a Project Meeting



The partnership is seated for the project meeting

Agenda for Project Meeting in Barcelona

1. Comments to the report from the trans-national meeting in Slovenia
2. Reporting from the trans-national meeting in Barcelona
3. Presentation of the progress report given to National Agency, Norway.
4. Dates for the coming meeting in Umbria, Italy (March 2019?)
5. Dates for the coming meeting in Hordaland, Norway (September 2019?)
6. Intellectual Outputs IO 1
 - a. Format for a model
 - b. What have we learnt from our own experiences, and from the meetings in Norway, Slovenia and Barcelona.
 - c. What can we extract from the description of Best/ Good Practice by partners?
 - d. How shall the partnership work to fulfil the duty of describing a model, and when should it be ready?
7. Intellectual Output IO 2
 - a. Format for a model
 - b. How should the partnership go forward with the work on intellectual output 2?
 - c. Agree on distribution of duties, and timetable.
8. For reporting purposes:
 - a. Results and benefits from the project so far, - information sharing.
 - b. Dissemination activities and promotions done by partners, - information sharing.
9. Experiences, challenges, problems and needs by partners on implementing the project VET in Urban Centres, - information sharing, - addressing difficulties.
10. Any other business.

*Andreas Larsstuen Nordeide, Fjell Municipality
is presenting the 7 steps processmodel*



The minutes from the project meeting is included as the last part of this report.

Visit to ESHOB - Escola Superior d'Hostaeria del Barcelona

This school was established in 1985 on the initiative of the union of Hotels and Restaurants owners to train professionals, and support life-long learning.

The group took the tram to the facilities.



Domingo, marketing Director

Martha Domingo, Marketing Director gave an introduction to the school and the activities. Then the group was dressed up for hygiene reasons and divided into two teams. Then all were guided around the different sections.

Martha



From the presentation:

At the time the school was established it was a need for such a school in Barcelona. The objective was to teach the children to work, and this was organised by combining studying with doing practises. The school now has 2 restaurants where the student get practical experience.

The students start immediately with practicing. This is considered the best way of learning; learning what the work is like. The teaching is organised as one week of theory/studying, and one week of practices. There is always a teacher with the students when they are at school.

Practises are also done in restaurants and hotels, even in the finest hotels.

A short movie that presented ESHOP was shown.

The teaching covers several sectors like cooking, culinary, bars, waiter services, hotel management, presentation of professional opportunities.

It is important to get the needs of the business covered by the teaching and training. To get the specifications there are meetings frequently, focusing on what the businesses are looking for. The school get very close and specific feedback, and the curriculum is looked at and adjusted accordingly.

There are great needs for really good professionals. The demand is difficult to cover.

Since this is a private school, the school do not need to follow government specifications. It is possible to adjust the curriculum according to needs.

ESHOB provide various trainings:

- ✓ Students from the age of 15 years are offered 3 years training program
- ✓ There are courses for more advanced training for already trained and experienced students.
- ✓ Courses for certification according to EU standards
- ✓ Courses for unemployed persons
- ✓ Courses lasting for 4 years, more for leaders/ experienced staff
- ✓ The school participate in an international EU-project for sustainability
- ✓ The school has much focus on sustainability, both concerning the environment in general, and also to make better social environment.

The



partnership team is equipped for a guided tour

Visiting one of the kitchens



ESOLA Restaurant.

The partnership was to be served lunch in the school's restaurant. This was a culinary experience, in a very nice atmosphere.



How the



lunch table was laid, - and the two clever student waiters (???? and Anna?), supervised by a teacher (in the background) presented the meal and served the food and drinks.



Managing Director of ESHOB Iñaki Gorostiaga is greeting the visitors

Presentation of Fundació Professional (Barcelona VET foundation)

Jordi Castillo, European Projects & International Affairs gave an introduction.





BCN = Barcelona VET Foundation have a staff of 20 people. The Mayor of Barcelona is president of BCN.
Barcelona City has in total 97 VET schools.

Jordi Castillo present the education system in Spain and Barcelona

Barcelona is a bit different from the rest of Spain, more matching the needs with what is taught in VET schools.

The education system is:

6 – 16 years is compulsory. Up to the age of 16 the teaching is the same for all. The compulsory education age 6 – 16 is free. For secondary public education it is free to be enrolled, but equipment, books etc are not free.

After the age of 16 there are 2 options:

2 years theoretical education, then entering into University.

3 years VET education including 400 hours in companies. This might be added with 2 more years including 500 hours in companies.

30 % of children does not reach secondary education. They can have a “second chance program” for 1 year with 100 hours training in companies.

The Spanish system:

There are 17 different education systems in Spain, one for each region. The Bask and the Catalan system differ most, and are most adapted to local needs. These two regions also have different languages.

- ✓ The national government define the education system and the curriculum.
- ✓ The regional governments (like Catalonia) adapt the educational curriculum to the territory needs & cultural situation.
- ✓ The local government coordinate with the environment on childhood, primary and adult education (economic and territory).

In Barcelona there are both public and private VET schools, and mixed private and public schools.

The public schools are under either Catalan Government or under Barcelona Government. The school facilities/buildings are paid by the government, teacher's salaries by the municipalities.

Mixed private school are partly paid by Catalonia government. The rest is paid by student's family. Some schools are religious, and some based on new pedagogical methods. There are many different schools.

Catalonia government build the buildings for schools. There might be different schools in the same building. Schools are often used two times a day; teaching 8 – 14, and new groups 15 - 20.

There is now a change to a dual VET system, more like the German dual system; 1000 hours in school and 1000 hours in companies, with salaries. The new system was introduced 3 years ago. Now 10 % of VET students are in dual system, 90 % in the traditional system.

There is a challenge because many Catalan companies are small and have problem taking in students for training.

For those who are in a dual system and practicing in municipalities, 80% of these student cannot get a job where they work/have their practice.

Catalonia have two types of VET schools, 60 % are Catalanian 40% Barcelonan.

The idea now is that VET-schools will be more specialised.

It is focussing to promote and develop innovation in vocational school under BCN.

It used to be more attractive to go to university rather than taking VET education. University gave higher status, - the rich went to universities. This was typical 20 years ago. Now it is different, higher VET training have a higher status. These days 10 % of the VET advanced level students have already a degree from university. The good VET schools in Barcelona are full.

Barcelona now want to show youth of 15, 16, 17 years the industry, so that they can see for themselves the work, the environment and the possibilities etc. This is now focused. Barcelona has 300 training places, and there are also training abroad.

After identification of needs and trends, then create a **Round Table**. Collect stakeholders and let them sit at a roundtable to discuss needs. Barcelona has now used the method of Round Table for 11 years.

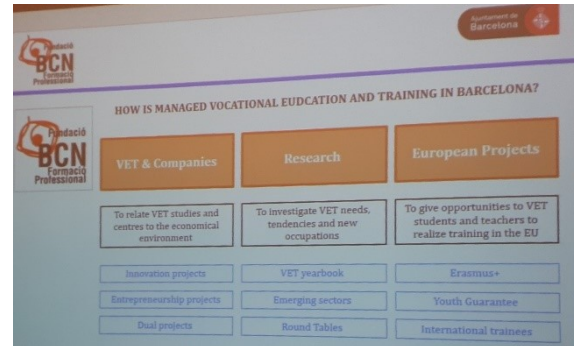
Based on the round table discussions it is made proposals, which then are presented for Consorci d'Educació and they change the curriculum. The curriculum can be changed within one or two years, depending on the situation, and the time of the year.

To implement the dual system you first need a company that will pay. Companies in Spain does not have any advantages by taking trainees. Only 10% of students get possibilities for training in a company. Bask county have the best dual system in Spain. Italy do not have dual system.

Apprentices are in Spain from 16 years and upwards, there are no upper limit, this is up to the companies (in France the upper limit is 25 years).

The schools have a very limited possibility to adjust curriculum. Catalonia/Barcelona are special on making more adjustments. Bask can do even more.

The VET-degrees are the same for all Spain. In the curriculum the basic are the same; 50 % are from national government; 40 – 45 are from Barcelona, 5% are from the school.



Friday 26th October

This



morning the delegation was transported in a hired bus guided by Cinta Arasa. Unfortunately, Sara Casas stepped over with her foot last afternoon and was unable to attend.

Institut Bonanova de FP Santitaria

The partnership delegation was met and welcomed at the institute by **Roser Pagán**, Coordinator of higher education, **Alberto Sorribas**, Center Administrator and quality coordinator, **Martha Sorribas** Coordinator on health documentation program and **Maria Lorente**, Coordinator of the area of image and radiotherapy.



Roser Pagán, Coordinator of higher education presented the institute and the activities before the group was guided around to different sections.

This is a public school under Department of Health, Catalonia. It is funded by Education Department. The students comes from all over Catalonia. The owners are Catalonia and Barcelona City Council.

The institute is operated by; Health and Education consortium Barcelona. The consortium has 6 members, among them Assistancia Hospital del Mar.

There are different schools under the consortium.

Mission and Vision

We train people, we promote professionals



Favouring innovation and the transfer of knowledge

Values

Take into use new knowledge and technology

5 studies

- ✓ Short cycle vocational training
- ✓ Social healthcare program: 0,5 year in school, 0,5 year in hospitals.
- ✓ Medical and Biomedical Laboratory
- ✓ Pathological Anatomy and cystodiagnosis
- ✓ Radiology and Nuclear Medicine (3 academic years, 1000 h training in centres)

The institute do accreditations of work experience.

Students and teachers

610 students, 33 students per class.

116 teachers, 23 full time teachers (41%)

93 expert teachers, part time teachers (59%), these have a very good background as they work in institutes etc. (Complicated to establish).

The institute has a "simulation unit" where students also work with medical doctor students from university.

Graduation rate: 65 %

Employment rate: 49 %

Some students go abroad

Design of our studies.

In 2014 it was a change. Then studies in high level was re-designed.

VET education is designed in Madrid. Then Catalonia make its own adjustments.

Take the title coming from Madrid, are then looking at what will come of developments and needs in the coming 10 – 15 years and try to predict what will be the competence needs in the future.

The institute study the flexibility of the regulations to see what is possible. This is done in the various subjects/programs.

Discussing on the various topics what is the updated needs for teaching, like scientific topics. Discussing needs for the next year. Involve many centres in the discussion - 11 centres/ institutions, to predict the future, teaching needs etc.

Rule out some traditional hours/subjects and replace with new.

Important to be more and more updated.

Arrange meetings 2 times in the year.

Teaching/training starts by 16 years on lower level education. After this follow studies on higher level.

10 % dropout on low level, 8 % on higher level.

14 % dropout in Catalonia as a whole.

Mentors for the students are the full-time teachers.

Each class have a mentor for 30 students.

Mentors do 11 – 12 hours a week of teaching. The rest is for mentoring.

Teachers who are not mentors have 19 hours a week of teaching.

The radiology training theatre.
(We noticed that the dummy had real bones)





Visiting a laboratory

At
a



simulation ward (right). This room could be followed by the use of cameras and monitors etc. Ingrid Beate and Lidija is checking the "patient" as Alberto is explaining



For practicing nursing in a private home (left)

For practicing at a hospital ward (under)



Moving on with the bus through Barcelona City on the way to Park Güell

Park Güell, Barcelona

At the bus park outside Park Güell the group was met by Fernando Calleja, School Director.



The purpose of the visit was to have an impression of the park, however the main objective was to be introduced to the **Sustainable Jobs School**.

Elements from the park

A student is instructed in his work by a gardener (left)

Fernando Calleja, School Director is guiding the group



The

project: “Work in district” was presented by **Fernando Calleja**, School Director

The students are working on the real needs of the city, and the City Council is directly involved in the program. Anna (welcomed us at the park) is coordinating the program, and with the workers of the city council.

Sustainable Jobs School has 4 programs, 8 trainees/students each, total 32 students. It is only available for unemployed young persons. It is a fixed maximum number of 32.

Students need to live in certain specific neighborhoods (12). Students need to apply, and to commit to fulfill one full year of training. When students have fulfilled the first half year they get 75% of a basic salary in Barcelona for the second half year. This is a strong motivating factor.

The number of acceptable applicants is in good balance with the available number to be enrolled.

Barcelona Active designs the content of the program. The training starts in January and end in December. Girls were not attracted to these subjects, but this is now it is improving, and has focus.

The programs are:

- ✓ Technical assistant on energy efficiency
- ✓ Eco-gardening
- ✓ Environmental informant
- ✓ Forestry agent.

*Fernando Calleja, School Director
Present the Sustainable Job School*



The training includes:

- ✓ To analyse the energy in building
- ✓ To reduce the contamination of the environment.
- ✓ To reduce emission of CO2 climate gasses
- ✓ They teach all the factors influencing these.

8 unemployed persons are now under training as gardeners in the park.

There are 4 different programs, training total 32 unemployed people age between 16 and 24. They get 1 year of training. When completing the year they get a diploma issued by the Ajutament de Barcelona.

Companies identifies the trained unemployed persons and might employ them when they are in need to recruit new staff.

There are job opportunities both governmental and private on being Environmental Informants.

Catalonia have a special agency “looking after the energy efficiency in buildings”.

The students 16 – 24 years on this subject needs to have also a medium degree on technical installations.

Examples where this competence is relevant: Use of solar cells on buildings and also on a cemetery.

Objective: To execute and organize the operations of installation, maintenance and improvement of indoor, outdoor, green areas and lawns.

The Sustainable Jobs School are focusing on

- ✓ Waste management
- ✓ Food waste reduction.
- ✓ Energy efficiency
- ✓ Arrange once a year a re-use market in all districts (It is no money in this market).

“Learn to work – Work learning”.

The program has a good structure. This is known by private companies. And they know that the students can work because they have worked for 1 year. This is important.

The school focus on sustainability. This frase was quoted:

“We all need to be guided by these values in our lives”



The trans-national meeting was ended with a delicious tapas lunch





Project meeting 25th October 2018, Barcelona

MINUTES



PROJECT MEETING PART 1, MORNING

The first sequence of the meeting started at 0930 and lasted till 1215.

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 - a. Format for a model
 - b. How should the partnership go forward with the work on intellectual output 2?
 - c. Agree on distribution of duties, and timetable.
18. For reporting purposes:
 - a. Results and benefits from the project so far, - information sharing.
 - b. Dissemination activities and promotions done by partners, - information sharing.
19. Experiences, challenges, problems and needs by partners on implementing the project VET in Urban Centres, - information sharing, - addressing difficulties.
20. Any other business.

1. Comment to the report from the trans-national meeting in Slovenia

It was agreed the report was ok and of a useful format.

2. Reporting from the trans-national meeting in Barcelona

It was agreed that the report from the trans-national meeting in Barcelona should be made similar to the one from Slovenia. Per Nordmark was appointed to make the report.

The other attendants should be invited to give inputs and comments before the report is made final.

3. Presentation of the progress report given to National Agency, Norway

It has been a challenge to complete the report due to lack of PIC number for the added partner. This problem was solved this week. The report is written, and should be completed with the additional information within the month. The report is estimated to fulfill the requirements of the National Agency for the second transfer of funding: 40%. Transfer of funds from coordinator to partners will be done according to contracts between the coordinator and each partner.



4. Dates for the coming meeting in Umbria

The topic was discussed, and it was agreed that all present partners will be able to attend on the dates 08, 09, and 10th April 2019 in Umbria, Italy.

The program should start after lunch on Monday 8th, and end early afternoon on Wednesday 10th, allowing participants to have the opportunity to travel home in the same day. Participants might extend the stay for the weekend before, or the days after according to their own interests.

Relevant travel will be flying to Rome, and use train, or rented cars to Umbria. Actual timetables for trains might be shared by the partners in Umbria.

5. Dates for the coming meeting in Hordaland, Norway (September 2019?)

It was considered too early to fix the dates, however it was agreed that the meeting should be held in the last part of September. The dates is to be fixed in the next trans-national meeting.

6. Intellectual Output 1 (part 1 of the meeting, morning)

After a short introduction by Per Nordmark, coordinator, Andres Larsstuen Nordeide, Fjell municipality presented the **7 steps processmodel** (Nestas innovation spiral) which was suggested useful for the IO 1.

The meeting discussed the proposal. In the discussion it was highlighted/argued that by using such a model it would help to:

- ✓ Be more strategic
- ✓ Include relevant groups like young people and others better
- ✓ More clearly include all three parties: VET schools, businesses and municipalities
- ✓ More clearly focus on the topic: “sustainable development of urban centres”
- ✓ Have a better approach towards politicians

The meeting agreed on using the 7 steps model!

“Homework IO 1”

It was in the project meeting agreed the following:

All partners are going to present their already described Best/Good Practices in the 7 steps model. These are the 7 steps (see attached table, and the example “Energimessen”):

1. Exploring opportunities and challenges
2. Generating ideas
3. How to do “Developing and testing”
4. How to “Making the case”
5. How to do “Delivering and implementing”
6. How to “Growing, scaling and spreading”
7. How to “Changing the system”

The practical details on doing this was not discussed fully, and was not quite clear to the participants after the project meeting. I therefore suggest the following:

1. Describe the project briefly into the table, in a similar way as in the example “Energimessen”. Where one find it relevant to give some comments, please make this in 2 – 3 sentences in the table under each step.
2. This task should be done and sent to coordinator (Per Nordmark) by **1st December 2018**.
3. Coordinator will put this into one document and distribute the document to all partners.

When this task is fulfilled the work on Intellectual output 1 is considered completed.

PROJECT MEETING PART 2, AFTERNOON

7. Intellectual output IO 2

STEP 1 “Open the door to local community”

Based on the inputs and comments in the project meeting the following could be concluded:
All partners should use the realities/ the real situation of their region, and put this into the model.
All partners should do the following:

- A. Select one municipality.
- B. Preferably, start the process by finding some relevant person in the municipality whom we know and discuss the matter/ the idea with this person.
- C. Invite then for a more formal meeting with the municipality and discuss challenges the municipality, school and businesses are facing.
- D. On the basis of this first meeting, invite for a meeting with companies to discuss the matter further.
- E. Make it operational by using the 7step model. Fulfil step 1, 2, 3 and 4 in the 7 stage model.
- F. (The schools will know how far they can go/ to what extent they can be involved.) (Students are good on media and could make presentations etc.)
- G. Make a budget, and make agreements for the needed funding.

In this process it should be sorted out/ defined what is relevant for the students/ the teaching when it comes to: **HOW TO CONTRIBUTE TO DEVELOPMENT OF SUSTAINABLE URBAN CENTRES, environmentally, socially, economically.**

These are relevant subjects (suggestions, there might be others):

1. Development challenges of the local community
2. Spatial planning
3. Mobility
4. Social inclusion (new event for those excluded).
5. Physical activity
6. Design, art and decorations
7. Climate
8. Competence
9. How to involve with the political level
10. Presentation of information and results of the process in public/ for the public

8, 9, 10 These points in the agenda was not covered in the meeting.

“Homework IO 2”

Before the trans-national meeting in Umbria, Italy all partners should:

1. Arrange one or more meeting(s) which involve minimum local community/municipality and VET-school. The meeting and follow up should be in accordance with the 7 steps processmodel.
2. Describe a proposal for involvement of the VET school, using the 7 stage processmodel up till completion of step 4. Write it into the table.
3. Send the proposal to coordinator by 01. March 2019.
4. The coordinator will put this into one project document. This document then will be distributed to all partners before the trans-national meeting in Umbria.

DEVELOPMENT OF SUSTAINABLE URBAN CENTRES WITH ACTIVE INVOLVEMENT OF VOCATIONAL EDUCATION AND TRAINING (VET)

Intellectual Output 1:

Local cooperation on development of urban centres, including VET

The objective for the partnership on IO 1:

“Describe a model for sustainable local cross-sectorial cooperation on development of urban centres, including VET sector. The model will be developed based on identification of best practises identified in trans-national meetings, site visits etc. and in workshops. The model will be used transnationally.”



In the trans-national meeting in Barcelona the partnership agreed to use the 7 stage processmodel on intellectual 1 and 2.

7 stage processmodel

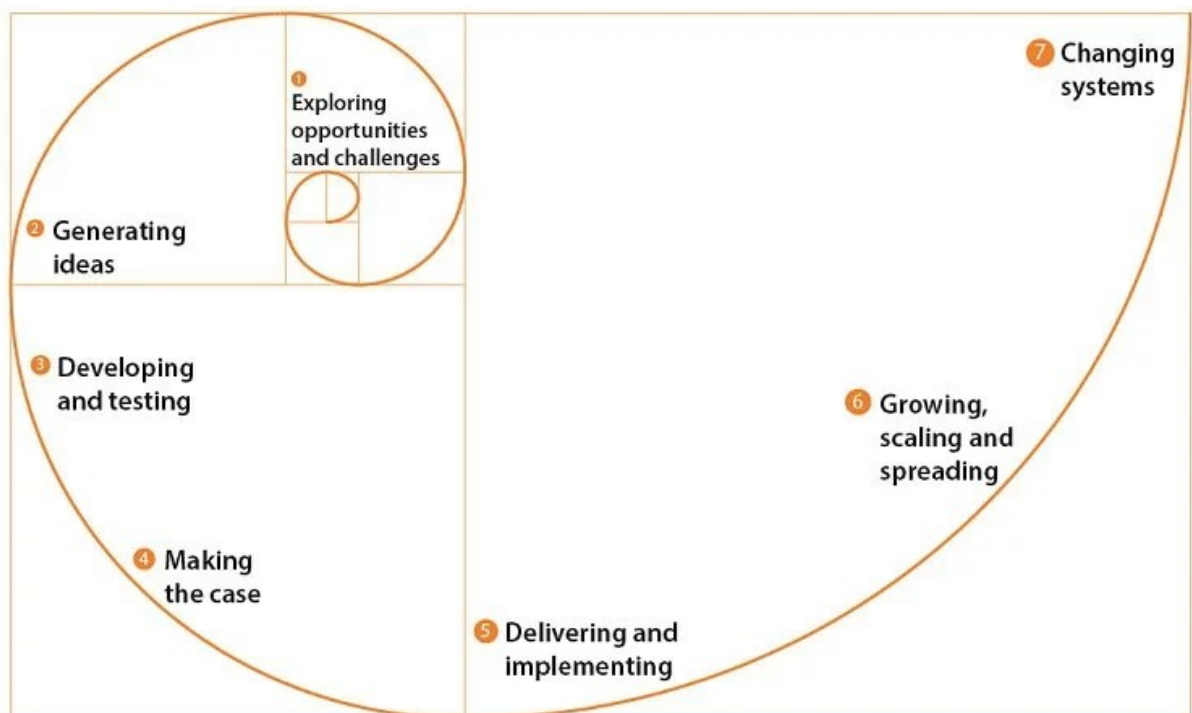


Illustration of the 7 steps model



7 Stage Processmodel

Table to be used/filled in:

Case title:				
7 stages	Action	Stakeholders	Resources	Other critical factors...
Exploring opportunities and challenges	<ul style="list-style-type: none"> • Challenges • Opportunity 			
Generating Ideas				
Developing and testing				
Making the case				
Delivering and implementing				
Growing, scaling and spreading				
Changing systems				

Minutes from the meeting produced:

Hordaland, Norway

29.10.2018

Per Nordmark