Results of the workshop to prepare WP5 : *Planning of the Pilot test*

South and City College, Birmingham Nov 20th 2014

The objective of this WP is that each participating school test at least one of the ProjectX developed in the WP4. The purpose is to determine in a small scale the feasibility, advantages and disadvantages of using the ProjectX in the classroom.

1. Selection of the ProjectX / Selection of the participants

A proposal is to choose for the test 3 projectX . A mix between projectX of his own and projectX of another partner's. So, 21 projectX will be tested.

After a quick view of the slides of each projectX (level 1): **: not sure**

What are the projectX that the partner could test?			Potential Testing School				
PO Xabec	PX001	BALANCING A DIRECT DRIVE FAN	P0				P1
	PX002	SPLIT SYSTEM: PIPE REPAIR, F-GAS CHARGING AND TESTING	P0				P4
	PX003	MAKING A PORTABLE WORKBENCH	P0		P1		P4
P1 Savo	PX004	REPLACING BEARINGS IN ELECTRIC MOTORS	P1		P6		P0
	PX005	PRODUCT MANUFACTURING CNC-ASSISTED LEARNING	P1				P0
	PX006	PUMP AND ELECTRIC MOTOR ALIGNMENT	P1				P0
P2 Pitesti	PX007	CHECKING THE PERFORMANCE AND LOAD CHARACTERISTICS OF AN INDUCTION MACHINE	P2				P6
	PX008	STARTING OF THE INDUCTION MACHINE	P2		P0		P6
	PX009	IMPLEMENTATION OF DIGITAL FREQUENCY DIVIDERS	P2		P3		P6
P3 Valdorio	PX010	RESISTANCE CODE AND OHM'S LAW	P3	P2	P4	P6	P5
	PX011	SOLDER ELECTRONIC COMPONENTS	P3	P2	P4	P6	P5
	PX012	SIGNAL MEASURES ON CATV AND IPTV	P3				P5
P4 SCCB	PX13	APPLY SCIENTIFIC PRINCIPLES TO PRACTICAL VAPOUR COMPRESSION SYSTEMS	P4				P0
	PX014	HANDLING FLUORINATED GASES AND OZONE-DEPLETING SUBSTANCES (CATEGORY 1 PERSONNEL)	P4				P0
	PX015	ELECTRICAL INSTALLATION 2365 L2 (UNIT 204) INSTALLATION OF WIRING SYSTEMS AND ENCLOSURES	P4				P0
P5 Meram	PX016	CCTV SECURITY CAMERA SYSTEM	P5		P3		P0
	PX017	BASIC LOGIC GATES	P5,P2,P4,P6,P3				
	PX018	INSTALLING HOME SATALLITE SYSTEM	P5				P3
P6 Newton	PX019	INDUSTRY RISK ANALYSIS	P6,P1,P2,P3,P4,P5				
	PX020	ELECTRICAL POWER ANALYSIS	P6				P2
	PX021	INDUSTRIAL ELECTRICAL INSTALLATION ELECTROTECHNIC WIRING HARNESS FOR A MOTOR STARTER	P6	P2	P0		P4

2. Organization of training

Origin of the projectx	A proposal could be this organization		
My own project or Another partner's project	I and my students	Another colleague with his students	I with Students in mobility

Another colleague with his students :

The goal is to do a projectX with a team (student and colleague) free of element about the project

In that case, it is as if a school not involved in the "one2one" project will implement the projectX

I and my students:

In that case, I'm aware of the ProjectX and I know very well my student (maybe it's a drawback)

Students in mobility:

It is the purpose of the one2one project

Xabec and Savo will check this possibility soon

Before the training

- **The teacher has to focus on the preparation of the material and documents for the theoretical part and practical activities (computer, to prepare the data base, materials, components, tools ....)**

Each partner has to prepare a list of materials and equipments very quickly

- **Check the prerequisite of the student (Conformity of his level)**

During the training

The teacher and the student have to follow the guideline of the projectX.

3. Assessment Process (from students and teachers)

See document : " ProjectX Internal Assessment Template.docx"

During the training

Each people take one minute to answer each item of the questionnaire

Ex : wrong number of an Annexe, Spelling mistake, too difficult question etc....

After the training

Both will provide qualitative and quantitative feedback and they will be the basis for subsequent changes, therefore ensuring relevancy and quality of the new training resource and achievement of desired project impacts.

Ex: The implementation of the device was difficult, It's was very progressive and interesting etc...

4. Attribution of the ProjectX for testing

What are the projectX the partner will test ?			Testing School
PO Xabec	PX001	BALANCING A DIRECT DRIVE FAN	P0 Xabec
	PX002	SPLIT SYSTEM: PIPE REPAIR, F-GAS CHARGING AND TESTING	P4 SCCB
	PX003	MAKING A PORTABLE WORKBENCH	P4 SCCB
P1 Savo	PX004	REPLACING BEARINGS IN ELECTRIC MOTORS	P6 Newton
	PX005	PRODUCT MANUFACTURING CNC-ASSISTED LEARNING	P1 Savo
	PX006	PUMP AND ELECTRIC MOTOR ALIGNMENT	P1 Savo
P2 Pitesti	PX007	Checking the performance and Load characteristics of an induction machine	P2 Pitesti
	PX008	Starting of the induction machine	P2 Pitesti
	PX009	Implementation of digital frequency dividers	P6 Newton
P3 Valdorio	PX010	Resistance Code and Ohm's law	P5 Meram
	PX011	Solder Electronic Components	P5 Meram
	PX012	Signal Measures on CATV and IPTV	P3 Valdorio
P4 SCCB	PX13	Apply Scientific Principles to Practical Vapour Compression Systems	P0 Xabec
	PX014	Handling Fluorinated gases and ozone-depleting substances (category 1 personnel)	P0 Xabec
	PX015	Electrical Installation 2365 L2 (Unit 204) Installation of Wiring Systems and Enclosures	P4 SCCB
P5 Meram	PX016	CCTV SECURITY CAMERA SYSTEM	P5 Meram
	PX017	BASIC LOGIC GATES	P3 Valdorio
	PX018	INSTALLING HOME SATALLITE SYSTEM	P3 Valdorio
P6 Newton	PX019	INDUSTRY RISK ANALYSIS	P1 Savo
	PX020	ELECTRICAL POWER ANALYSIS	P2 Pitesti
	PX021	INDUSTRIAL ELECTRICAL INSTALLATION ELECTROTECHNIC WIRING HARNESS FOR A MOTOR STARTER	P6 Newton

5. Execution of training and reporting dates

TIMETABLE
Date of training: Before March 31st Date of feedback to yannick (assessment template) : Before April 7th Date of yannick`s return to the writers : April 9th Deadline of rewriting and sending to yannick: April 15th Yannick to Claudio: April 16th Claudio & Guillermo to Robert for printing : April 30th

Attributed ProjectX to test			
PO Xabec	PX001	PX013	PX014
P1 Savo	PX005	PX006	PX019
P2 Pitesti	PX007	PX008	PX020
P3 Valdorio	PX012	PX017	PX018
P4 SCCB	PX015	PX002	PX003
P5 Meram	PX016	PX010	PX011
P6 Newton	PX021	PX004	PX009

Thanks you all for your help and participation