



An Industry Oriented MSc. Program in Telecommunications Engineering- Towards and EU Approach



MANAGEMENT MEETING 2

QMUL - LONDON, UK

PRESENTED BY

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DATE

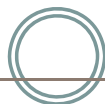
22/6/2011

Project Summary



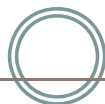
Project Title	An Industry Oriented MSc. Program in Telecommunications Engineering- Towards and EU Approach
Project Acronym	MTE-EUA
Funding Agency	The Education, Audiovisual and Culture Executive Agency (EACEA) - European Union
Programme	TEMPUS
Sub-programme	Joint Projects
Programme guide /Call for proposals	EACEA No. 28/09
Action	Curricular Reform

Project Activities



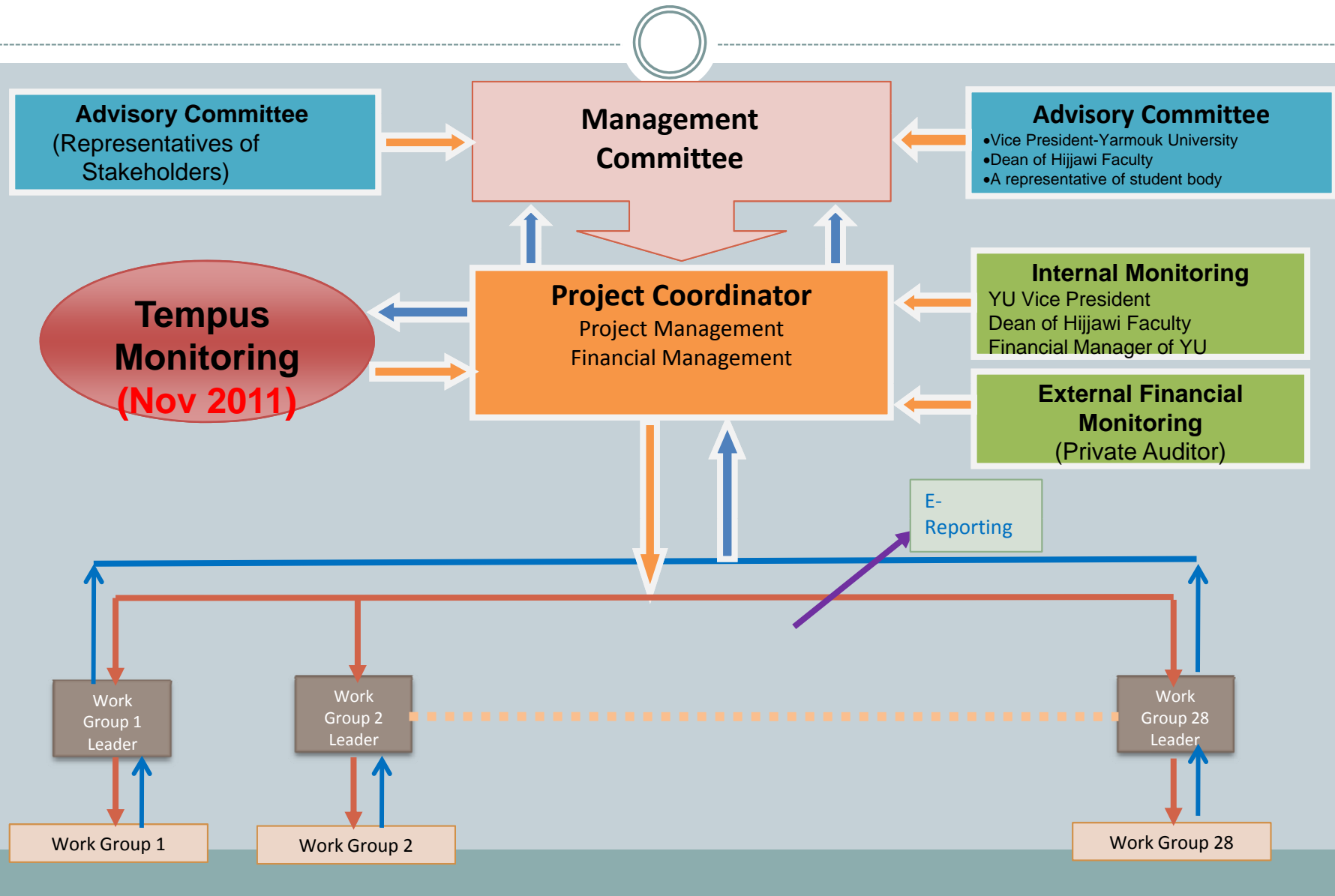
Del No.	Deliverable Title	Deliverable Type	Deadline
1	Review of Existing Curriculum	Report	1/4/2011
2	Competition Analysis	Report	1/8/2011
3	Demand Analysis	Report	1/10/2011
4	Local Market Needs	Events: Conferences and Seminars	1/10/2011
5	Visits of Jordanian Academic staff to EU	Events: Conferences and Seminars	1/8/2011
6	EU Educational System Seminar	Events: Conferences and Seminars	1/5/2011
7	Professional Development of Local Staff	Training	1/7/2012
8	Fully Prepared Curriculum Drafts	Report	1/7/2012
9	Fully Prepared Course Material	Teaching material	1/7/2012
10	Curriculum Drafts Finalized	Other products	1/2/2013
11	Student Selection Criteria Implemented	Methodology	1/2/2013
12	Student Evaluation Process Implemented	Methodology	1/6/2013
13	Courses Taught by Local Staff	Teaching material	1/6/2013
14	Quality Control Plan	Methodology	1/4/2011

Project Activities

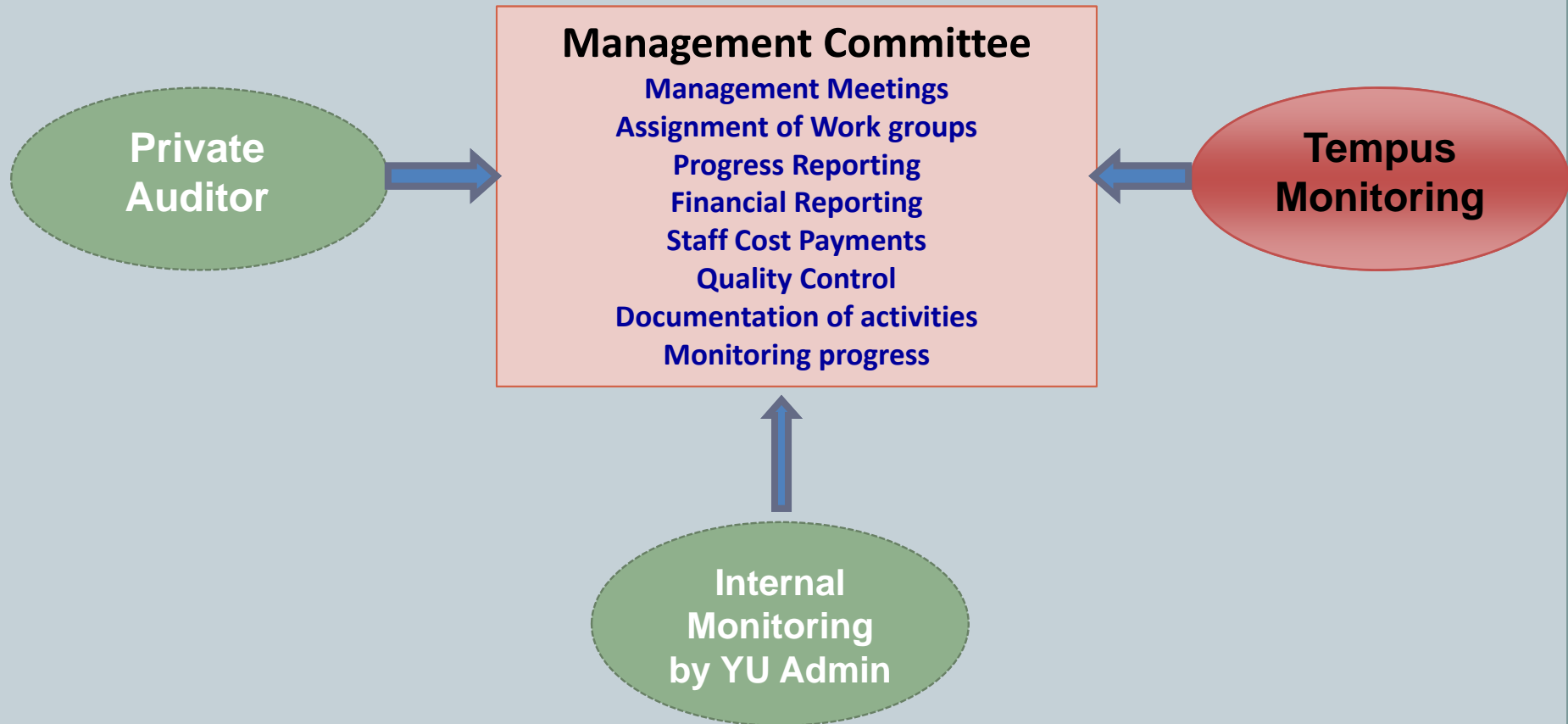


Del No.	Deliverable Title	Deliverable Type	Deadline
15	Information System for QC of Curriculum	Other products	1/7/2012
16	Progress Reports	Report	1/10/2013
17	Budget Review	Report	1/10/2013
18	Memorandum of Understanding	Report	15/1/2011
19	Coordination Meeting	Events: Conferences and Seminars	1/10/2013
20	An Electronic Database	Other products	1/3/2011
21	An Informative Web site	Other products	1/3/2011
22	New Program Features Disseminated	Events: Conferences and Seminars	1/10/2013
23	Students Recruitment	Events: Conferences and Seminars	1/10/2012
24	Curriculum Approval and Accreditation	Other products	1/4/2013
25	Collaboration with Local Telecom Industry	Events: Conferences and Seminars	1/2/2013
26	A network of Collaboration with EU	Training	1/3/2013
27	Quality Control Unit	Other products	1/2/2013
28	Lab Equipment	Learning resources	1/5/2012

Management



Monitoring and QC



Closed Activities



- ❑ MOU (Deliverable No. 18)
- ❑ Curriculum Review (Deliverable No. 1)
- ❑ Project Website (Deliverable No. 21)
- ❑ E-Data base (Deliverable No. 20)--
(Almost Finished)
- ❑ QC plan (Deliverable No. 14)--
(Almost Finished)

Ongoing Activities



Del. No.	Deliverable	Deadline
2	Competition Analysis	1/8/2011
3	Demand Analysis	1/10/2011
5	Visits of JO staff to EU	1/10/2011
6	Seminars by EU	1/9/2011
16	Progress Report	1/6/2011
17	Budget Review	1/11/2011
22	Dissemination	Start: 1/4/2011

WP.2: Competition and Demand Analysis

Del. No. 2: Competition Analysis Report



- *Type or nature of deliverable* * : Report
- Delivery Date : 1/8/2011
- Dissemination level * : National level
- **Target group(s) ***:
- Teachers
- Representatives of higher education institutions in Jordan including MOHE.
- *Language(s)* :EN,
- **Description (Max. 500 characters):**
- A competition analysis report which consists of a comparison between the proposed program and other existing programs in Jordan. A survey about existing similar M.Sc. programs with regard to program objectives, outcomes, teaching material, teaching methodologies, ability of transfer of credits, target audience and employability of graduates. This report will serve as input to the curriculum development process.

WP Type	Ref. N°	Activities (as indicated in the LFM)	Duration (Months)	Start Date	Deadline	Work Group	Head WG
DEV	2	Competition analysis report	5	1/3/2011	1/8/2011	2YU+3GJU+2HU	Kaylani

WP.2: Competition and Demand Analysis

Del. No. 3: Demand Analysis



- *Type or nature of deliverable* : Report
- Delivery Date : 01/10/2011
- Dissemination level : National level
- **Target group(s):**
- Teachers
- Local telecommunication companies
- *Language(s):* EN,
- **Description (Max. 500 characters):**
- A questionnaire will be developed and disseminated among telecommunications engineers working in industry, industry managers and graduate students in Jordan. The questionnaire will be used to collect statistical data on the employability of graduates, the required skills and knowledge of graduates and the openings at local industries available for graduates per year. The data will be gathered in a report to be used by the curriculum development process.

WP Type	Ref. N°	Activities (as indicated in the LFM)	Duration (Months)	Start Date	Deadline	Work Group	Head WG
DEV	3	Perform a demand and statistical analysis	6	1/4/2011	1/10/2011	2YU+3G JU+2HU	Kaylani

WP.2: Competition and Demand Analysis

Del. No. 4: Local Market Needs



- *Type or nature of deliverable:* Events: Conferences and Seminars
- Delivery Date : 01/10/2011
- Dissemination level * : International level
- **Target group(s):**
- Teachers
- Local Telecom companies
- **Description (Max. 500 characters):**
- A workshop will be held with participation of staff members of all project partners and representative of the major telecommunication companies to discuss the market needs and the quality of graduates and statistical data about the employability of graduates in the past years. This workshop will result in a number of recommendations which will be input to the curriculum development process.

WP Type	Ref. N°	Activities (as indicated in the LFM)	Duration (Months)	Start Date	Deadline	Work Group	Head WG
DEV	4	Workshop on market needs.	3	1/7/2011	1/10/2011	Gharaibeh+Harb+Salameh+K hassawneh+2HU+2GJU+1DC U+1QMUL+1UPV	Gharaibeh

WP.3: Awareness of the EU Educational System

Del. No. 5: Visits of Jordanian Partner Academic Staff to EU



- *Type or nature of deliverable:* Events: Conferences and Seminars
- Delivery Date: 01/08/2011
- Dissemination level: International level
- **Target group(s):**
- Teachers
- **Description:**

Visits of YU, GJU and HU faculty members who will be involved in the curriculum development process to EU institutions with similar graduate programs and transfer of experience with regard to course materials, teaching methodologies and quality control. This will include attending classes, meetings with instructors and short training course on quality control of graduate studies.

WP Type	Ref. N°	Activities (as indicated in the LFM)	Duration (Months)	Start Date	Deadline (New)	Work Group	Head WG
DEV	5	Visits of Jordanian Partner Academic staff to EU	3	1/5/2011	1/8/2011	10YU +1HU +1GJU	Gharaibeh

WP.3: Awareness of the EU Educational System

Del. No. 6: EU Educational System Seminar



- *Type or nature of deliverable* : Events: Conferences and Seminars
- Delivery Date : 01/08/2011
- Dissemination level : International level
- **Target group(s)** :
- Teachers
- **Description**

Seminars about the EU educational system and transfer of the EU experience with regard to courses and teaching methodologies will be performed by EU higher education professionals from EU partner countries at YU to promote the EU higher educational system which will help in implementing the Bologna views in the curriculum development process. Two professors from EU partners will travel to Jordan to give these seminars at Jordanian academic institutions including YU.

WP Type	Ref. N°	Activities (as indicated in the LFM)	Duration (Months)	Start Date	Deadline (New)	Work Group	Head WG
DEV	5	Visits of Jordanian Partner Academic staff to EU	3	1/5/2011	1/8/2011	10YU +1HU +1GJU	Gharaibeh

WP.6: Quality Plan

Del. No. 16: Progress Reports



- *Title:* Progress Reports
- *Type or nature of deliverable:* Report
- *Delivery Date:* 01/6/2011
- *Dissemination level:* International level
- **Target group(s):**
- Teachers
- Students
- Trainees
- Administrative and other non-teaching staff
- **Description:**

Biannual progress reports will be prepared and published by the management committee of the project which states the progress made in the project activities and the achievement of project objectives. These reports will be disseminated among project partners and also submitted to YU administration.

WP Type	Ref. N°	Activities (as indicated in the LFM)	Duration (Months)	Start Date	Deadline	Work Group	Head WG
QPLN	16	Progress Reports	36	1/6/2011	1/6/2011	Gharaibeh, Smadi , Kaylani, Murphy, Foix, AlFadhl	Gharaibeh

WP.6: Quality Plan

Del. No. 17: Budget Review



- *Type or nature of deliverable:* Report
- *Delivery Date:* 15/10/2013
- *Dissemination level:* International level
- **Target group(s):**
- *Description (Max. 500 characters) :*

An annual budget review reports which provides data on the spending in relation to implementation of project activities. This report will be prepared after various audit reviews by project partners and YU administration.

WP Type	Ref. N°	Activities (as indicated in the LFM)	Duration (Months)	Start Date	Deadline	Work Group	Head WG
QPLN	16	Progress Reports	36		15/10/2011	Gharaibeh, Smadi , Kaylani, Murphy, Foix, AlFadhl	Gharaibeh

WP.8: Dissemination of the Project

Del. No. 22: New Program Features Disseminated



- *Deliverable number: 22*
- *Title: New Program Features Disseminated*
- *Type or nature of deliverable: Events: Conferences and Seminars*
- *Delivery Date : 01/10/2013*
- *Dissemination level: National level*
- **Description (Max. 500 characters):**

Promotional material (Brochures, leaflets, TV and radio advertisement) will be prepared and distributed during the first year of the project. Also a number of seminars will be held at a number of higher education institutions, and government departments and local companies in Jordan which have potential candidates for joining the new program in order to promote the proposed study programs and communicate its features and benefits which will contribute to attracting students to the program.

WP Type	Ref. N°	Activities (as indicated in the LFM)	Duration (Months)	Start Date	Deadline	Work Group	Head WG
DISS	22	New Program Features Disseminated	36	1/4/2011	1/10/2013	Gharaibeh+Salameh+Badarneh+Bataineh+1HU+1GJU	Gharaibeh

Tasks for all Partners



- **Write the progress and budget report**
 - deadline 1/8/2011
 - Will be submitted and approved by the monitoring committee at the coordinator
 - Will be used in writing the intermediate and final reports
- **Organize and participate in the workshop (Deadline 1/10/2011)**
- **Start discussion on the activities of the next year-**
 - mainly development of curricula and accreditation

Next Year Activities



- **Mostly development of curricula based on:**
 - Curriculum Review
 - Competition Analysis
 - Demand Analysis
 - Workshop on Market Needs
- **Workgroups will be assigned in the next management meeting**
- **EU partners to take lead in the development of curricula**
- **Consider Accreditation by EU professional institutions (Engineers Ireland, IET, etc.)**



THANK YOU