



Studieavdelingen  
v/Studiedirektør

Saksbehandler  
Helge Gravås  
Telefon

Vår dato:  
28.02.2007

Vår ref.:  
2006/12546(48)

Deres dato:

Deres ref.:

**ETABLERING AV NYTT STUDIEPROGRAM : BÆREKRAFTIG BEVARING OG  
UTVIKLING AV HISTORISK ARKITEKTUR -  
(PRODEV - Sustainable protection and development of historic, lived-in architecture)**

**1. Strategisamsvar.**

Det vises til brev vedrørende studieprogramportefølje av 15.02.07, referanse 12546, fra AB – fakultetet. Under pkt 2.3 er studieprogrammet, PRODEV, beskrevet..

I fakultetets strategidokument, under visjon, står det følgende:

*På grunnlag av relevante og aksepterte indikatorer for evaluering og vurdering innen fagområdene arkitektur og billedkunst skal det dokumenteres at*

- *AB - fakultetet er i internasjonal toppklasse på et utvalg av faglige /strategiske styrkeområder*
- *AB - fakultetet er blant de ti ledende skolene som gir universitetsutdanning innen arkitektur, planlegging og billedkunst i Europa*
- *AB - fakultetet er en anerkjent bidragsyter til at NTNU som breddeuniversitet er blant de 150 beste i verden*

Det påpekes at etablering av dette studieprogrammet er i samsvar med fakultetets strategiske satsninger.

Masterprogrammet, PRODEV, er et samarbeid mellom NTNU v /AB-fakultetet , som kordinator, og Arkitektskolen i Bordeaux ( École Nationale Supérieure d'Architecture et de Paysage , Bordeaux (EAPB)) og det Tekniske Universitetet i Warsawa ( Warsaw University of Technology (WUT)

**2. Krav til masterprogram i forskrifter**

Dette er et studieprogram på 120 ects som tilfredsstillende de kravene som blir stilt i i *Nasjonalforskrift om krav til mastergrad* fastsatt av Utdannings- og forskningsdepartementet 01.12.05 og kravene som stilles i § 20 om mastergrad i *Forskrift om studier ved NTNU* (Studieforskriften) fastsatt av Styret 07.12.05 med hjemmel i uhl. (jfr. *vedlagte lenker til de nevnte forskrifter*).

### 3. Studieplan, emnebeskrivelser

Første semester:	Alle studentene starter ved NTNU
Andre semester:	Alle studentene er ved École Nationale Supérieure d'Architecture et de Paysage, Bordeaux (EAPB)
Tredje semester:	Alle studentene er ved Warsaw University of Technology (WUT)
Fjerde semester	Hovedoppgave- (diplom) semester. Studentene kan velge fritt et av de tre universitetene. Valget vil være avhengig av en relative lik fordeling av studenter mellom universitetene.

Undervisningsspråket vil være engelsk, men det gies tilbud om frivillige nasjonale språkkurs.

De emnene som tilbys ved NTNU det første semesteret er:

- Kunnskapsemne:
  - AAR4825 Bygningsdokumentasjon og tilstandsanalyse (Analysis and documentation within building conservation, theory and work methods, combined with fieldwork) (7.5 ECTS credits)
  - AAR4804 Arkitektur og antropologi (Architecture and anthropology, theory and work methods, combined with field work (7.5 ECTS credits)
- Prosjektemne( Design project):
  - AAR4545 Transformasjon 1A-Arkitektur og landskap( based on the fieldwork results, focusing on architecture in a cultural landscape (15 ECTS credits)

Totalt : 30 studiepoeng

Tilsvarende studieplaner er utarbeidet for Bordeaux og Warsawa. Kfr vedlegg Utkast til søknad pkt 2.2.

### 4. Fastsettelse av studieplanen.

Studieplanen er vedtatt av AB-fakultetet ved dekanus.

### 5. Kostnadsberegning og finansiering

Kostnader	Nkr	Finansieringskilder	Nkr	Anmerkning
Oppstarts- og utviklingskostnader:		Fakultetets egne midler		
Søknadskostnader	24 000			
Materiell	5 000			
Arbeidstid	50 000			Delvis finansiert via SO-midler
Sum	79 000		79 000	

<b>Kostnader</b>	<b>Nkr</b>	<b>Finansieringskilder</b>	<b>Nkr</b>	<b>Anmerkning</b>
Ordinær drift år 1: 2008				
Markedsføring	100 000	.		
Studieadministrative oppgaver	250 000			
Driftskostnader	50 000			
Reiser	50 000			
		EU-midler. 15 000 EUR	120 000	
		EU-stipend	150 000	
		Stipulert resultatbevilgning i IFM	100 000	
		Fakultetest egne midler	80 000	SO-midler
<b>Sum år 1 - 2008</b>	<b>450 000</b>		<b>450 000</b>	
Ordinær drift år 2: 2009				
Markedsføring	75 000			
Studieadministrative oppgaver	250 000			
Driftskostnader	100 000			
Reiser	50 000			
		EU-midler: 15 000 Eur.	120 000	
		EU-stipend	175 000	
		Stipulert resultatbevilgning i IFM	100 000	
		Fakultetest egne midler	80 000	SO-midler
<b>Sum år 2 - 2009</b>	<b>475 000</b>		<b>475 000</b>	

## 6. Egenbetaling

Prinsippene for skolepenger er beskrevet i søknadens pkt 2.11.

The Consortium, de tre samarbeidende universitetene, benytter skolepenger i henhold til gjeldene nasjonale regler. Det vil bli krevd skolepenger fra studenter fra "tredjepart", studenter utenfor EU-systemet.

## 7. Antall studenter

"Ferdig utbygd" vil det maksimalt bli 27 studenter som følger studieprogrammet. 12 studenter fra EU-systemet, og 15 studenter utenfor EU-systemet.

## 8. Opptakskrav og rangeringsregler

Opptakskrav og rangeringsregler er beskrevet i søknadens pkt 2.10.

Opptakskravet er Bachelor i Arkitektur eller tilsvarende.

Det oppnevnes en programkomite (PC- Programme Committee) som foretar opptaket til studieprogrammet. Programkomiteen benytter gjeldende nasjonale rangeringsforskrifter. Studieavdelingen ved NTNU vil fungere som programkomiteens sekretariat.

## 9. Samarbeidende fakulteter

De samarbeidende fakulteter ved NTNU som bidrar i studieprogrammet er SVT-fakultetet ved Sosialantropologisk Institutt.

## 10. Eksterne samarbeidsparter.

Eksterne samarbeidsparter er, Arkitektskolen i Bordeaux ( École Nationale Supérieure d' Architecture et de Paysage , Bordeaux (EAPB)) og det Tekniske Universitetet i Warszawa ( Warsaw University of Technology (WUT)

## 11. Fellesgrader og fellesprogram

Etablering av dette studieprogrammet er i samsvar med NTNU strategier og mål for 2010 og 2020 om å øke felles grader og program. I første fase vil det bli gitt "multiple degree", men intensjonene er å arbeide for en fellesgrad ( joint degree).

Det felles studieprogrammet er beskrevet i søknadens pkt 2.2

## 12. Markedsvurdering

Markedsvurderingen av programmet er beskrevet i søknadens pkt 2.1.

Etablering av studieprogrammet vil støtte EU-kommisjonens kommunike:


*20.4.2005 COM(2005) 152 final "Mobilizing the brainpower of Europe: enabling universities to make their full contribution to the Lisbon Strategy", where the Communication stresses as one of the areas of priority "enhancing the quality and attractiveness of Europe's universities".*

Bolognaprosessen og ny gradsstruktur er under innføring i de tre partner universitetene, og intensjonene om en joint degree vil være et godt tiltak i denne prosessen.

Dessuten er masterprogrammet, PRODEV, meget aktuelt i forhold til flere elementer i EU's 7 rammeprogram:

*7<sup>th</sup> Framework Programme for Research and Technological Development, 1. Cooperation: 6. Environment including Climate Change.*

  
Tore Hauges  
Dekan

  
Helge G. Gravås  
Avdelingsleder

Vedlegg: Utkast til Erasmus Mundus søknad

Utkast 01.08.07.  
HBB.

Reserved for the Education, Audiovisual and Culture Executive Agency

Number

Date of Postmark

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# ERASMUS MUNDUS PROGRAMME

## Application Form for Action 1: ERASMUS MUNDUS MASTERS COURSES

**CLOSING DATE FOR SUBMISSION:**

**30 APRIL 2006  
(as per postmark)**

## Important instructions and information regarding the application and selection procedure

- Before completing the form, please read the relevant sections in the *Erasmus Mundus Call for Proposals EAC/70/05* and the *Administrative and Financial Handbook for Erasmus Mundus Projects*. Further information can be found on the Erasmus Mundus website: [http://europa.eu.int/comm/education/programmes/mundus/index\\_en.html](http://europa.eu.int/comm/education/programmes/mundus/index_en.html).
- Please note that your application – if successful - would be selected for five years. You are therefore required to answer all questions under Section 2 of the application form.
- Your proposal will be assessed on the basis of the elements included in this application only. You can include web site references in your application, but the assessment of your proposal will not be based on additional technical information found on a web site and not contained within the application.
- Applicants should use as application language the operational language of communication between the institutions involved in the Masters Course.
- The application must be typewritten or word-processed using a computer, character size 11 pt minimum.
- The original of the application must bear the original signature of the legal representative of the co-ordinating institution and the original stamp of this institution.
- The application must be accompanied by copies of letters from the appropriate authorities of each institution participating in the Masters Course, confirming their agreement with the application as submitted.
- Applications must be sent by post **and** e-mail by the closing date. The paper copy is authentic. Applications sent by e-mail only or sent by fax will not be accepted. Annexes which are not available electronically need not be sent by e-mail.
- The signed original of the application and 2 copies thereof must be sent in the same envelope **by 30 April 2006 (as per postmark)** to:

Education, Audiovisual and Culture Executive Agency  
Unit P4  
Bureau: BOUR 00/38  
B-1049 Brussels  
E-Mail: EACEA-Erasmus-Mundus@cec.eu.int

Because of the tight timing for the assessment of applications, you are requested to send your application **by express mail**.

- A paper copy **and** an electronic copy of the original application must be sent by 30 April 2006 to the appropriate National Structure in each of the countries which are participating in the Masters Course. The list of National Structures appears in the *Erasmus Mundus Call for Proposals EAC/70/05* and on the website indicated above.
- All applications will receive an acknowledgement slip.
- Applications will be judged against the eligibility, selection and award criteria set out in the *Erasmus Mundus Call for Proposals EAC/70/05*.
- Applicants will be notified about the outcome of the selection in writing in October 2006. A copy of the notification letter will be sent to the National Structures concerned.
- In preparation of their Action 2 Scholarships application, selected Courses will be required to present a description of their students' selection procedure. Specific instructions will be sent together with the Action 1 selection results notification.
- The information provided in your application may be used for the purposes of evaluating the Erasmus Mundus programme. The relevant data protection regulations will be respected.
- Any questions relating to this proposal should be addressed to the address indicated above.

## SECTION 1 - IDENTIFICATION

### 1. Title of the Masters Course

Please use a maximum of 12 words; start with an acronym or abbreviation, if applicable.

PRODEV - Sustainable protection and development of historic, lived-in architecture

If your title is not in English, French or German, please provide a translation into any of the three languages.

### 2. Summary description of the Masters Course (maximum 500 words)

Please identify clearly the following aspects of your Masters Course:

- Objectives of the Masters Course, qualifications obtained, duration, language(s) of instruction, size of student population, professor / student ratio;
- Summary of study programme;
- List of higher education institutions involved in the Masters consortium, including locations and mobility arrangements;
- Precise degree(s) awarded (by which institutions and recognised in which countries);
- Admission criteria.

If your application is successful, this summary will be used as the official description of the Masters Course. It will be part of your grant agreement and published on the internet. You are therefore kindly requested to formulate it carefully and to provide this summary in English, French or German.

Objectives of the Master's degree:

This is a two-year master's degree in Architecture that is focused on Sustainable Protection and Development of historic, lived-in architecture.

Qualification obtained:

Master of Science degree in Architecture. 120 ECTS credits

Duration: 2 years

Professor/student ratio: 1:8

Language of instruction: English

Size of student population: 30-40 students

Summary of study programme:

Three issues characterise the programme in the course:

1. Comprehensive approach to the site: physical environment, the history of the site, needs and values of the local community.
2. Anthropological approach to space with its different levels/scales.
3. The site as an existing context and base of information for design projects

Learning outcomes:

Students will learn how to use project design to develop the knowledge and skills required when working with historic built environments and landscapes (cultural environments) in ways that respect the qualities of the physical environment and the history of the particular site. Students will learn why it is important to understand the

needs of the local community and the significance of maintaining cultural continuity. The methods applied in this work will be thorough examination of particular sites, using a variety of analytic tools. The sites will be studied on different levels/scales. Students will be taught skills and knowledge in measurements, archive studies, interviews, observation, and other relevant survey and documentation techniques. Design training based on this knowledge.

Consortium for the master's course:

1. Norwegian University of Science and Technology (NTNU)
2. École Nationale Supérieure d'Architecture et de Paysage , Bordeaux (EAPB)
3. Warsaw University of Technology (WUT)

Mobility arrangements:

First semester: Autumn semester - Faculty of Architecture and Fine Art. Norwegian University of Science and Technology (NTNU), Trondheim

Second semester: Spring semester - École Nationale Supérieure d'Architecture et de Paysage, Bordeaux (EAPB)

Third semester: Autumn semester - Warszawa University of Technology (WUT), Warszawa

Fourth semester: Spring semester - Diploma work – Options at NTNU; EAPB; WUT

Precise degrees awarded – institutions awarding degree/recognized by country:

Master i arkitektur - Norwegian University of Science and Technology (recognized by Norway)

Diplôme d'Etat d'architecte - École Nationale Supérieure d'Architecture et de Paysage , Bordeaux (recognized by France)

Master of Architecture - Warsaw University of Technology (recognized by Poland)

The consortium considers that these degrees are generally recognized throughout the EU and in EEA member states.

Admission criteria: Bachelor's Degree or equivalent in Architecture



### 3. Languages

Language in which you would like the grant agreement to be issued and correspondence with the Agency to be conducted.	
To facilitate co-operation with your partners, you are advised to enter the language most commonly used for communication within the consortium.	
1 <sup>st</sup> preference	2 <sup>nd</sup> preference
<input checked="" type="checkbox"/> German <input checked="" type="checkbox"/> English <input type="checkbox"/> French	<input type="checkbox"/> German <input type="checkbox"/> English <input checked="" type="checkbox"/> French

### 4. Financial support from the European Community

Please note that according to the financial regulation applicable to the general budget of the European Communities, one project may not receive more than one grant from the budget of the European Communities. In other words, if you are to be selected to receive an Erasmus Mundus grant for a given Masters Course, you must not receive a grant from another Community programme for the same Masters Course and funding period.

Is this Masters Course, or any aspect thereof or any larger project to which it may belong, currently being supported under another European Community programme?

<input checked="" type="checkbox"/> No
<input type="checkbox"/> Yes. Please specify the programme(s), date(s), type(s) of activity and, if possible, agreement number(s):

Is this Masters Course, or any aspect thereof or any larger project to which it may belong, currently the subject of any other application for support from the European Community?

<input checked="" type="checkbox"/> No
<input type="checkbox"/> Yes. Please specify the programme(s) and provide the amount(s) requested:

### 5. Previous applications for Erasmus Mundus Masters Courses

Please provide the following information for statistical purposes.

Are you resubmitting an application which has not been selected under previous Erasmus Mundus calls for proposals?

<input checked="" type="checkbox"/> No
<input type="checkbox"/> Yes. It was submitted under the first call for proposals (deadline 31 May 2004). Its reference number was: A1&2- - 2004
<input type="checkbox"/> Yes. It was submitted under the second call for proposals (deadline 31 October 2004). Its reference number was: A1- - 2005
<input type="checkbox"/> Yes. It was submitted under the third call for proposals (deadline 31 May 2005). Its reference number was: A1- - 2006
If yes, has the composition of the consortium changed? <input type="checkbox"/> Yes <input type="checkbox"/> No. Possible comments:

## 6. Co-ordinating institution of the Masters consortium

The co-ordinating institution is also the applicant institution. Please, use country and region codes indicated in Annex 1.

### 6.1 Legal Representative

This is the person legally authorised to sign the application and the grant agreement on behalf of the co-ordinating institution.

Full legal name of the institution in the national language	Norges teknisk-naturvitenskapelige universitet		
Acronym of the institution, if applicable	NTNU		
Full name of the institution in English (formal or informal translation)	Norwegian University of Science and Technology		
Country code	NO	Region code	NO06
Type of institution		Erasmus University Charter N°	29704-1C-1-2002-1-NO-ERASMUS-EK-1
Website	http://www.ntnu.no		
Legal representative of the institution:	Family name First name	Digernes Torbjørn	Title (e.g. Prof., Dr., etc.) Prof
Department / Unit			
Official function within the institution	Rector	Sex	<input type="checkbox"/> F (female) <input checked="" type="checkbox"/> M (male)
Legal address of the institution: Street & Street Number Post Code & Town Country	Gloeshaugen NO-7491 Trondheim Norway		
Phone (including country and area code)	+47 / 73 / 595098		
Fax (including country and area code)	+47 / 73 / 595094		
E-mail	fakadm@ab.ntnu.no		
Is the institution able to recover VAT?	yes		

### 6.2 Co-ordinator

This is the manager of the Masters Course. All correspondence relating to the Masters Course will be addressed to this person.

Family name First name	Gryli Eir	Title (e.g. Prof., Dr., etc.)	Professor
Institution (only if different from point 6.1 above) / Department	Same Institution. Faculty of Architecture and Fine Art		
Official function within the institution	Professor	Sex	<input checked="" type="checkbox"/> F (female) <input type="checkbox"/> M (male)
Correspondence address (only if different from point 6.1 above): Street & Street Number Post Code & Town Country	Faculty of Architecture and Fine Art Alfred Getz vei 3 NO-7491 Trondheim Norway		

Phone (including country and area code)	+47 / 73 / 595088
Fax (including country and area code)	+47 / 73 / 595083
E-mail	Eir.Grytli@ark.ntnu.no

### 6.3 Person in charge of finance on behalf of the Consortium

Family name First name	Gravaas Helge Gunnar	Title (e.g. Prof., Dr., etc.)	M.Sc Depart. Manager
Department / Unit	Faculty of Architecture and Fine Art		
Official function within the institution	Department Manager	Sex	<input type="checkbox"/> F (female) <input checked="" type="checkbox"/> M (male)
Correspondence address (only if different from point 6.1 above): Street & Street Number Post Code & Town Country	Alfred Getz vei 3 NO-7491 Trondheim Norway		
Phone (including country and area code)	+47 / 73 / 595769		
Fax (including country and area code)	+47 / 73 / 595094		
E-mail	helge.gravas@ntnu.no		

### 6.4 Legal entity and Financial identification

Please complete and sign the forms in Annexes 2.1 and 2.2 and attach them to your application.

## 7. Partner institutions of the Masters consortium

- To fill in this part, please use the country codes and region codes indicated in Annex 1.
- The minimum number of partners required is two.
- Add numbers and copies of this page, if necessary.

### Partner institution No 1

Full legal name of the institution in the national language	Ecole Nationale Supérieure d'Architecture et de Paysage de Bordeaux				
Acronym of the institution, if applicable	ENSAP.Bx	Erasmus University Charter N°	28617-IC-1-2002-1-FR-ERASMUS-EUC-1		
Full name of the institution in English (formal or informal translation)	Bordeaux National Higher School of Architecture and Landscape Architecture				
Type of institution	Public	Country code	FR	Region code	FR61
Department / Unit	Architecture				
Contact person	Family Name: Billa		Function: Professor		
	First Name: Jean-Marie		Male <input checked="" type="checkbox"/> Female <input type="checkbox"/>		
Address: Street & Street Number Post Code & Town Country	Ecole National Supérieure d'architecture et du paysage de Bordeaux Domaine de Raba 33405 Talence- cedex FRANCE				
Phone (including country and area code)	+ 33 / 607 / 628762				
Fax (including country and area code)	+ 33 / 556 / 762081				
E-mail	caup4@wanadoo.fr				
Website	http:// www.bordeaux.archi.fr				
Is the institution able to recover VAT?					

### Partner institution No 2

Full legal name of the institution in the national language	Warsaw University of Technology				
Acronym of the institution, if applicable	WUT	Erasmus University Charter N°	50536-1C-1-2002-1-PL-ERASMUS-EUC-1		
Full name of the institution in English (formal or informal translation)	Warsaw University of Technology				
Type of institution	University	Country code	PL	Region code	PL07
Department / Unit	Faculty of Architecture				
Contact person	Family Name: ????		Function:		
	First Name:		Male <input type="checkbox"/> Female <input type="checkbox"/>		
Address: Street & Street Number Post Code & Town Country					
Phone (including country and area code)	+ / /				
Fax (including country and area code)	+ / /				
E-mail	@				

Website	http://
Is the institution able to recover VAT?	

## SECTION 2 - DESCRIPTION OF THE ERASMUS MUNDUS MASTERS COURSE

- Please describe the following aspects of your Masters Course, using the same order and numbering as given in the list of questions.
- You are invited to read the relevant chapters of the *Erasmus Mundus Call for Proposals EAC/70/05* carefully, before filling in this section.
- Please enclose supporting documents only where these have a direct and material bearing on your application.
- Please respect the maximum length of text indicated, excluding supporting documents.

### 1. GENERAL INFORMATION ON THE MASTERS COURSE

#### 1.1 General discipline

**Main discipline:** Architecture, urban and regional planning

(if not available among the disciplines proposed, please specify hereafter Architectural Design)

**Second main discipline:** Architecture, urban and regional planning

(if not available among the disciplines proposed, please specify hereafter Architectural Conservation)

**Third main discipline:** Architecture, urban and regional planning

(if not available among the disciplines proposed, please specify hereafter Anthropology )

#### 1.2 Duration and ECTS credits

The full-degree programme covers:

- one academic year (60 ECTS credits)<sup>1</sup>  
 one academic year and months ( ECTS credits)  
 two academic years (120 ECTS credits)<sup>1</sup>

#### 1.3 Population involved in the Masters Course:

EU Students: 12

Third-country Students: 15

Teaching staff: 15

#### 1.4 Final degree delivered

- joint  
 double  
 multiple

<sup>1</sup> If your Masters Course provides a different number of credits, please indicate how many and provide further details under point 2.2.

## 2. DETAILED DESCRIPTION OF THE MASTERS COURSE (max. 15 pages excluding annexes e.g. CVs, etc.)

### Study programme and recognition

#### 2.1 Describe the objectives of the Masters Course. Describe how the Masters Course contributes towards university excellence and European competitiveness.

The main objective of the PRODEV programme, (Sustainable Protection and Development of historic, lived-in architecture), is to provide a top quality education on conservation and development of the cultural heritage within the fields of cultural landscape, urban landscape and architecture, attracting high level students and scholars from Europe as well as from 'third countries'. The purpose is basically higher education, but in a longer perspective this will also create networks for future research and development co-operation.

There is a strong demand for this specific competence among planners, architects and decision-makers everywhere. This is due to the present situation of rapid and substantial transformations of the physical, lived-in environment - in Europe as well as in the so-called third countries. The cultural heritage is under pressure by short-perspective economic forces, for instance by the rapid increase in tourism, which is taking place in most countries world-wide. It is more and more urgent for the development and protection of our built, cultural heritage to search for a balance between financial and cultural interests.

Two dimensions will be emphasised: A focus on the local context where problems occur and are handled, and a focus on cultural diversity<sup>2</sup>, in a global perspective, but as a specific quality of the European identity. It is considered a futile goal to create a homogeneous culture within the whole of Europe. On the contrary – the basic character of European society as a whole and the best support for its competitiveness is the *cultural variety* within the framework of a social order, based on general, human rights. The composition of the consortium should, by its variation in terms of geography, history, material resources and culture, respond well to this conception of Europe: Universities from France as a south-central European nation, from Poland as an east-central European nation, and from Norway as a Scandinavian, north-European nation, bring their rather different characters and practices within the field. The similarities and differences within the consortium should be mentioned: a common feature is the wide experience and thorough interest in the profession of management, conservation and development of the architectural heritage on different levels of physical environment. Differences are to be found in their theoretical approaches and working methods, which are deeply rooted in the variety mentioned above.

Through project design students will learn how to develop the knowledge and skills required when working with historic built environments and landscapes (cultural environments) in ways that respect the qualities of the physical environment and the history of the particular site. Students will learn why it is important to understand the needs of the local community and the significance of maintaining cultural continuity.

The Master's programme will utilise our experience in teaching methods for a thorough and systematic examination of the object in question, combined with the study of culturally conditioned social meaning by anthropological methods, such as qualitative interview techniques. An assessment of the various aspects of the object's value as a resource is made, considering its physical, social and cultural aspects, describing problems and possibilities for future use, and discussing what interventions are necessary and/or desirable for this purpose. Transformation in the built environment is seen as a continuous field ranging from maintenance and conservation to renewal or complete replacement. The Master's programme will convey an attitude of considering every built structure a potential resource until proven otherwise, as demolition produces waste, and new construction consumes energy and natural resources.

The Consortium consists of well-known research and educational institutions in Europe. The three universities have a special, high level experience and competence in combining theory and practice within the field - in the teaching, research and consultancy work in real projects: both domestically in France, Poland and Norway, as well as abroad – in Egypt, Uganda, Syria, Byelorussia, Ukraine, United States, Vietnam, China, Tibet, Laos. This cross-cultural practice gives the consortium the competence to have a profitable dialogue with third-country students and colleagues. This is not to be conceived of as a one-way

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<sup>2</sup> Ref. UNESCO – Universal Declaration on Cultural Diversity. Paris, 2001.

transfer, but more as the openness for a two-way exchange of knowledge and information, giving valuable impulses both ways.

This master's programme also supports the recent Communication from the European Commission, Brussels, 20.4.2005 COM(2005) 152 final "Mobilizing the brainpower of Europe: enabling universities to make their full contribution to the Lisbon Strategy", where the Communication stresses as one of the areas of priority "enhancing the quality and attractiveness of Europe's universities". The Bologna process and the new degree structure are implemented in the partner universities and our joint master's programme will function as a tool in this process.

The relevance of the field is underlined by elements in the 7<sup>th</sup> Framework Programme for Research and Technological Development, 1. Cooperation: 6. Environment including Climate Change.

**2.2 Describe the structure and the content of the study programme in detail indicating the value of each part of the programme in ECTS credits. Describe the role of each institution within the consortium in course delivery indicating which part of the programme is delivered by which institution.**

*The main structure of the programme is as follows:*

First semester:	All students study at Norwegian University of Science and Technology (NTNU)
Second semester:	All students study at École Nationale Supérieure d'Architecture et de Paysage, Bordeaux (EAPB)
Third semester:	All students study at Warsaw University of Technology (WUT)
Fourth semester	The diploma semester. Students are free to choose one of the three consortium universities. The choice may be slightly modified to have an approximate equal number of students at each university.

*Core of the pedagogical method:*

The structure of the programme and the way of teaching will profit by the European diversity. This diversity must be used as a richness and will characterise what we have to propose by the European partners to the non-European students joining the Erasmus Mundus programme. This diversity, which focuses on the precise objectives of the Master's programme, must be considered as the centre of gravity of the courses.

*General guidelines for the semesters:*

Common for semesters 1-3 is a combination of theoretical courses and design projects based on the following guidelines:

- The basis for the work should be a thorough examination of the site, using different analytic tools and methods: Survey, archive studies, interviews, observation, and other relevant work methods.
- The site should be studied on different levels/scales. On each level, important properties and qualities of the physical fabric should be defined; and on the other hand: values, views, problems and needs for all relevant user groups. Based on this knowledge, a project for a design of new structures/reuse of existing structures should be developed at a chosen location within the case study area, based on the site analysis.
- Three issues characterise the programme:
  - Comprehensive approach of the site: physical environment, the history of the site, needs and values of the local community
  - Anthropological approach of space at its different levels/scales
  - The site as an existing context and base of information for design project
    - o unbuilt site: how to "situate" architecture
    - o built site: the existing town as a context

*The whole diploma semester will be work on a theoretical thesis, based on case studies.*

*The specific programme will be the following:*

Semester 1 at Norwegian University of Science and Technology (NTNU):



*Introduction and focus on work methods within documentation, conservation, anthropology and architecture design in a cultural environmental context, with special focus on cultural landscape issues.*

- Theoretical courses:
  - Analysis and documentation within building conservation, theory and work methods, combined with fieldwork (7.5 ECTS credits)
  - Architecture and anthropology, theory and work methods, combined with field work (7.5 ECTS credits)
- Design project:
  - based on the fieldwork results, focusing on architecture in a cultural landscape (15 ECTS credits)

Semester 2 at École Nationale Supérieure d'Architecture et de Paysage, Bordeaux (EAPB):

*Focus on reflection, linking protection and development to modern architectural theory. Design work in existing, historical urban contexts*

- Theoretical courses: History forming the project
- Design project:
  - based on the fieldwork results, focusing on architecture in an urban landscape (15 ECTS credits)

Semester 3 at Warsaw University of Technology (WUT):

*Use of media for documentation and analysis. Design work focused on rebuilding after disasters, ruptures, etc.*

- Theoretical courses:
- Design project:
  - based on the fieldwork results, focusing on architecture in an urban landscape (15 ECTS credits)

Semester 4 at one of the three consortium universities: Students are free to choose one of the three consortium universities. (Thesis 30 ECTS credits)

	7.5 ECTS Module 1	7.5 ECTS Module 2	7.5 ECTS Module 3	7.5 ECTS Module 4
<b>Semester 1-NTNU</b>	Analysis and documentation	Architecture and anthropology	DESIGN PROJECT	
<b>Semester 2- EAPB</b>	History of Architecture 1		DESIGN PROJECT	
<b>Semester 3 - WUT</b>	Building Conservation		DESIGN PROJECT	
<b>Semester 4 – Diploma semester</b>	MASTER'S THESIS			

### 2.3 Describe the acquired competencies and the learning outcomes of the Masters Course.

GENERAL COMPETENCIES AND LEARNING OUTCOMES:

- *Developing the specific approaches described in Sections 2.1 and 2.2*
- *Preparing for acute help in societies in rapid and substantial transformations*  
Improved knowledge will increase efficiency and help the professionals to handle high-speed processes.

- *Training the teachers.*  
Apart from the students, possible issues in such a programme could be training of teachers and professors in the teaching of architecture. Preparation for a PhD in the future will be specially considered for this group of students.

- *Preparing for international professional practice and co-operation.*

With the development of international co-operation, exchange and the mobility given by globalisation, more architects will have the opportunity to export their activities and do projects in different countries. This master's programme can contribute to develop the ability of architects to work carefully and efficiently in different cultures by being aware of diversity, and by adapting their solutions to the place: site, people and culture.

#### SPECIFIED COMPETENCIES AND LEARNING OUTCOMES:

##### 1. *Fundamental understanding*

Upon completion of the Master Program the student shall have a deep understanding of

- a. the architecture of the past as a material resource in an ecological perspective
- b. the architecture of the past as a resource for new, architectural interventions
- c. the architecture of the past as a resource for cultural identity, continuity and historic understanding
- d. the importance of cultural, social and material context for transformation of landscape and built, physical structures
- e. the importance of cultural diversity
- f. the relationship between intangible and tangible cultural heritage in architecture and cultural landscape
- g. the necessity of linking history to the presence and to the future

##### 2. *Discipline specific and practical skills*

Upon completion of the Master Program the student will have a good training in architectural design and conservation work, based on a thorough knowledge within

- a. methods of archive studies
- b. survey methods
- c. other documentation methods and techniques
- d. conservation theory, ethics and principles
- e. condition survey and assessment
- f. monitoring methods
- g. interview techniques
- h. cultural context understanding
- i. resource analysis

##### 3. *General, transferable skills*

Upon the completion of the Master's programme the student will be trained in

- a. cross-disciplinary work
- b. cross-cultural co-operation
- c. team-work
- d. essay writing
- e. report writing
- f. planning and design

**2.4 List the partner institutions awarding the final degree and describe the title and the type of the final degree awarded by filling in the table below. Add further rows to the table, if necessary. Describe the role of each partner institution in the degree-awarding arrangements. Indicate if all successful students (European and third-country) receive the same final degree.**

Name of institution	Title of degree awarded for this Masters Course by this institution	Type of degree awarded	Date and reference of formal approval of degree (Provide details of approval procedures under point 2.5)
Norwegian University of Science and Technology (NTNU)	Master i arkitektur  (Master of Science in Architecture)	Master of Architecture	Approved: 2005 Reference: Act relating to Universities and University Colleges. Norwegian Ministry of Education and Research
École Nationale Supérieure d'Architecture et de Paysage, Bordeaux (EAPB)	Diplôme d'Etat d'architecte	Master of Architecture	
Warsaw University of Technology (WUT)	Master of Architecture	Master of Architecture	

All successful students (European and third country) will graduate with MSc Architecture Degree or equivalent from their home university and MSc Architecture Degree or equivalent from their host university. All partners are able to provide a double degree. Each student will receive degrees from the partner universities where they spend their period of diploma thesis studies. The degrees issued are according to national legislation. Degrees will be issued upon successful completion of all elements compulsory for graduation, and the diploma ceremony will be held at least in the institution where the student spends the final period of study.

**2.5 Describe the policy and the legal procedures within the Masters consortium for the recognition of programme components and the programme as a whole. Provide details of legal approval procedures for those partner institutions which deliver the joint, double or multiple degree. Provide proof that the degree is officially recognised by the countries concerned.**

The Master of Science in Architecture degree at NTNU corresponds to the requirements of the “Act relating to Universities and University Colleges 2005”, Norwegian Ministry of Education and Research. *Annex x* includes a statement from the Norwegian Centre for International Cooperation in Higher Education (SIU).

The academic supervision of the programme is part of the tasks allocated to the Programme Committee. The final approval of programme components and the programme as a whole is the responsibility of Programme Committee. The Programme Committee consists of all members of the consortium. Each institution appoints a member that is a permanent member of Programme Committee. The coordinating institution provides the chairperson of the Programme Committee. The group will meet twice a year to follow up on procedures, suggested modifications, rules, etc. related to the integrated Master's programme. The programme is in harmony with local programmes at the participating institutions and all partners recognise all programme components. Since all components are mutually recognised and based on one common design, all partners recognise the programme as a whole, which in turn guarantees that double diplomas will be issued.

All issues related to recognition and diplomas are dealt with in the letters of intent and recognition of degrees enclosed as *Annexes I and x* in this application. Proof of official recognition of degree is specified above.

**2.6 Indicate if the Diploma Supplement is used by the Masters consortium.**

The Consortium uses the Diploma Supplement. The Diploma Supplement will provide information and data on the nature, level, context, content and status of the studies that were pursued and successfully completed by each individual student. The Diploma Supplement will be attached to the degree certificate, and will be used both for national and international students.

**2.7 Indicate if the Masters Course has been newly created or if it has already existed.**

Individual, national Master's programmes at the participating institutions have existed over a number of years, but are adjusted and coordinated in this master's degree programme.

### Teaching staff

**2.8 Describe the professional and academic experience of the teaching staff who will deliver the core parts of the study programme. Enclose summary CVs of a maximum of 2 pages for each of the persons concerned in an annex.**

The teaching staff in the Consortium represent different educational traditions and academic areas, thereby ensuring complementarities and synergy. The staff members have ample experience in the subjects for which they are responsible – which should be documented through the respective CVs.

*NTNU:* The following staff members will play the central roles in the teaching:

- Within the field of building conservation and history: Professor Eir Ragna Grytli and Associate Professor Dag Nilsen
- Within the field of architecture and anthropology: Professor Bjørn Erring, Professor Hans Pedersen and Professor Harald Høyem
- Within the field of wood technology and wood conservation: Professor Eir Ragna Grytli and Associate Professor Dag Nilsen.
- Within the field of documentations technique: Professor Knut Einar Larsen and Associate Professor Dag Nilsen.
- Within the field of resource and environmental friendly development: Professor Anne Grete Hestnes and Professor Harald Høyem

(CVs enclosed)

*EAPB:* The following staff members will play the central roles in the teaching:

Full-time teaching staff :

- Within the field of urban project – History of Architecture Professor Chantal Callais and Professor Jean Marie Billa.
- Within the field of Architectural project – Anthropomorphism Professor Jean-Paul Loubes
- Within the field of Architectural project Professor Dominique Quintanilla
- Within the field of Architectural project Professor Xavier Leibar

(CVs enclosed)

*WUT*: The following staff members will play the central roles in the teaching:

- Within the field of preservation of Historic Monuments: Professor Andrzej Tomaszewski, PhD. Arch Cezary Gluszek and PhD. Arch. Maria Ludwika Lewicka.
- Within the field of Polish Architecture: PhD. Arch Malgorzata Rozbicka and PhD. Arch Robert Kunkel
- Within the field of Conservation of Historic Monuments PhD. Arch Danuta Kozłowska-Klosek
- Within the field of History of the City Construction:

(CVs enclosed)

## 2.9 Describe the availability and presence of teaching staff for enrolled students.

Professors and research professionals will be active in the programme by giving lectures and arranging seminars, as well as providing the students with a significant number of contact hours. At NTNU, the semester starts with an introductory course with lectures and practical exercises, followed by a field work period. Academic staff will be present during the field work, and give lectures and seminars at regular intervals later in the semester. There will also be extensive individual studio tutoring during design work.

## 2.10 Describe the common admission criteria, application procedure, selection process and examination criteria for students within the Masters consortium. Indicate all admission conditions for students, including any additional ECTS requirements or qualifications needed following the first degree.

The Consortium offers one coherent point of entry as regards the Master's course promotion, information regarding all formalities and application for admission. The Programme Committee is responsible for the admission procedure and selection as a whole.

### Admission criteria.

Admission criteria to the programme is a high quality Bachelor's degree encompassing a minimum of 180 ECTS credits in Bachelor of Architecture or equivalent studies.

Admission to the programme is granted on a competitive basis: the applicants are assessed on the basis of their previous academic record. In addition, good command of English language is required: Requirements for TOEFL or IELTS: TOEFL minimum score 580/237 or higher IELTS score 6.5 or higher. Score reports must be sent directly to Consortium Admissions Office from the test centre.

### Application procedure.

An on-line database has been developed for applications. This is only to be used for European applicants (see Section 2.15 for third-country applicants). The applicants fill in the web-based on-line application form (basic student and BSc-degree information) and then send signed paper copies to the Consortium Admissions Office at NTNU, including the following documents:

1. Officially (e.g. By a notary / university registrar) attested true copy of original Bachelor of Science degree certificate + translation
2. Officially attested true copy of original study transcript (courses in the BSc Degree) + translation
3. Motivation letter / statement of purpose
4. CV
5. Two letters of academic recommendation letter with contact information (email address of reference)
7. Language certificate (TOEFL or IELTS)
  - course descriptions of certain university courses

All documents must be officially attested copies. Any requested document not written in English must be translated into English. All translations must be officially certified and accompanied by the certified copy of the original. Applications have to be sent to:

Dept. Manager Helge G. Gravaas.  
Faculty of Architecture and Fine Art  
Norwegian University of Science and Technology  
Alfred Getz vei 3  
NO-7491 Trondheim  
Norway

The applicants will apply for admission to one specific consortium institution, denoted as the “home institution” (NTNU) and in addition, the student must already in the application specify, which host university (scientific track) she/he is interested in. The application deadline information will be given on PRODEV- website. The Consortium Admissions office at NTNU will check all applications in order that they follow all formalities related to the selection. The final selection process leading to the final list as well as the reserve list is the responsibility of the Programme Committee, and this will be carried out at a meeting with mandatory attendance from all institutions involved. The Programme Committee will finalise the list and reserve list of selected students to the Commission before the deadline. The consortium will for the academic year 2008-09 reserve 15 places (this is the minimum required) for third-country students.

The institution offering the course and hosting the student will organise examination for each course. Examination is based on common criteria and values and common examination tools. Examination tools will include: written exams, oral exams, project work. The three institutions that have hosted the student will supervise the Master’s thesis. Approval of the final result is necessary from all prior to issuing the final degree.

**2.11 Indicate if students have to pay a tuition fee. If so, confirm that is a common tuition fee and give the amount of the fee for third-country and European students. Indicate when and where the students have to pay these fees and how the fees are distributed between the members of the consortium.**

The Consortium collects tuition fees according to European and national legislation. One fee will be paid by all third-country students admitted to the programme, irrespective of the study destination. The sums will then be distributed within the consortium in accordance with national legislation and according to written agreements between the partner institutions. The relevant information concerning tuition fees will be announced on PRODEV-website and in the application information. It is the intention that students from the EU, EEA/EFTA and candidate countries will not be charged any tuition fees, according to bilateral agreements following the Erasmus/Socrates/Nordplus agreements between the consortium members. However, tuition fees are currently under investigation by one or more countries in the consortium and will most likely be implemented within the next coming year(s). Therefore, the fee will be adjusted every year in accordance to the current tuition fees that is required by the different participants. The consortium will strive towards a common policy within the consortium on tuition fees and work towards influencing national authorities to adjust the legislation towards a common European context.

### Examination criteria

**2.12 Describe the examination arrangements and in particular how these will be coordinated and communicated within the consortium in order to ensure equity between all students. Describe if you use the ECTS grading scale or a comparable system for translation of national marks.**

NTNU: there are three modules, all of them using the ECTS grading scale for evaluation.

Tutors and external examiners, including one representative of the three parties of the consortium, will form the examination group.

*Module 1. Documentation and Analysis. (7.5 ECTS credits).* Report based on the field work will be the examination document to be assessed.

*Module 2. Architecture and Anthropology. (7.5 ECTS credits).* Essay based on literature studies and field work will be the examination document to be assessed.

*Module 3. Design project – Transformation in built environment. (15 ECTS credits).* Project design material, based on modules 1 and 2, and an oral presentation will be assessed by the examination group.

**EAPB:**

**WUT:**

## **Mobility arrangements**

### **2.13**

**Describe the mechanisms of student and scholar mobility between the institutions of the Masters consortium. Indicate all mobility combinations, the duration of mobility periods and the number of ECTS credits acquired during mobility.**

The mobility of students is decided already during the application and selection process. The structure of the programme is as follows:

1. First semester all students study at NTNU, study load 30 ECTS credits
2. Second semester all students study at EAPB, study load 30 ECTS credits
3. Third semester all students study at WUT, study load 30 ECTS credits
4. The diploma semester. Students are free to choose one of the three consortium universities. The choice may be slightly modified to have an approximate equal number of students at each university. The selections will be made on the basis of: Motivation letter, professional motivation, geographical and cultural composition and balanced gender distribution. The thesis is worth 30 ECTS credits.

## **Third-country students and scholars**

### **2.14 Describe the mechanisms within the Masters consortium to reach out to potentially interested third-country students and scholars.**

The consortium will distribute information to prospective students through the following actions:

- A common website with information about the programme, admission criteria, information about funding and scholarships, links to the on-line application form
- Research contacts and networks, with relations established to sister networks in the United States, Latin America, Asia and Russia; Socrates thematic networks
- The consortium universities have existing Master's programs which have been advertised for several years by printed and web-based material. The network of existing and previous students and their professors will be used.

Websites for international students and guides for international students already exist.

### **2.15 In addition to question 2.10, describe if special conditions apply to third-country students.**

No special conditions apply to third-country students, other than the tuition fee.

Third-country scholars will submit their application through the same channel as the European students, however not through the web-based on-line version but only in paper version.

**2.16 Describe the application and selection process for third-country scholars and indicate how third-country scholars will be distributed within the Masters consortium.**

The Programme Committee is responsible for maintaining a balanced flow of students in the network as described in Section 2.12 for the fourth semester. Every effort will be made to distribute the students according to their wishes. However, all partners should receive a certain minimum/maximum number of third-country students, therefore there will be limitations. The students are informed about the limitations in the information material related to the application.

**2.17 Describe the services provided by the Masters consortium to welcome and host third-country students and scholars (international office, housing facilities, coaching and counselling, welfare services, language courses, activities aiming at social integration, services for students with a family or special needs, other support measures, etc.).**

All partner institutions in the consortium have International Offices with expertise in working with international students. Descriptions of services offered may be found on the websites of each partner. Links to these websites will be on the main website of the PRODEV-programme. The international offices of the partner institutions will assist PRODEV-students to find and get accommodation. Information about accommodation offered is to be found on the Master's programme website.

NTNU: *The Office of International Relations* organises an Orientation Week before the beginning of autumn semester, including information about all practical matters, health care services, computer facilities etc. *The Student Welfare Organization* has a strong collaboration with the Office of International Relations. The Student Welfare Organization organises social and cultural activities for students during the whole academic year, thereby establishing a social network for the students. As members of the Student Welfare Organization (compulsory fee approximately 85 euro/academic year), all students are entitled to housing, daytime low cost health care and to a variety of social activities. All facilities can easily be reached also by handicapped people. There are student villages also for families and it is possible for children to get free schooling. The kindergarten and day care facilities are open to children of incoming students. We have tutors as advisers and there are also student counselors at department level.

The International Offices of the institutions in the PRODEV-network will establish paths of regular communication and means of keeping each other updated on the status of the students and other issues related to the Master's programme. When transfer of students takes place from one institution to the other, the International Offices at both ends will be involved in order to assist and ease the way as much as possible. This includes the transfer of all information necessary for the administration of the students at the new site, which will have preceded the physical transfer.

NTNU's Office of International Relations has long-standing experience in welcoming students and researchers within various European Commission (EC) and non-European programmes. Main items of the welcome structure are: Housing guarantee, buddy system, language summer courses, welfare service, ESN network, counsellor for special needs, large sport facilities, orientation weeks and service for students with families.

**EAPB:**

**WUT:**

Language courses offered within the consortium are:

NTNU: NTNU offers 4-week intensive course in Norwegian at different levels (<http://www.ntnu.no/intersek/intstud/language.html>)

**EAPB:**

**WUT:**



**2.18 Describe the financial management and payment mechanisms of scholarships for third-country students and scholars within the Masters consortium.**

The coordinating institution, NTNU manages all financial matters through the Office of International Relations. The coordinating institution handles all financial administration within the consortium, and will be responsible for monitoring all issues related to finding at the partner institutions, and will also be present with one representative whenever necessary at the Programme Committee meetings. The general yearly flat-rate EC contribution will be distributed by the coordinating institution according to an annual budget plan drawn up by the financial group and approved by the Programme Committee.

Funding for scholarships will be distributed each semester, based on the student flows, by NTNU to the respective hosting institutions. The coordinating institution/financial group will on an annual basis require that consortium institutions provide the financial group with documentation to prove that the payments have been made and that incurred expenses are eligible under the Erasmus Mundus programme. This will be a prerequisite condition in order for the next round of payments to be issued. The host university will pay the fixed amount of money (max 5000 euro) to the third-country students after the student has arrived at the host university. There may be some exceptions to that rule in case a third-country student has to buy a ticket before arrival. In that case the consortium will make sure that the transferred amount of money will be used to pay for the ticket.

### Language policy

**2.19 Describe the language policy applied within the Masters consortium, including language(s) of instruction, language(s) of examinations, and language learning support offered.**

The language of instruction, including lectures and tuition as well as all course material and literature, is English; oral and written exams and presentations will be in English. Language and cultural courses will be offered as specified above in Section 2.17. Each of the partners will offer a national language course.

### Quality assurance and evaluation

**2.20 Describe how the quality of the Masters Course as well as the use of ECTS (including the grading scale) or other credit systems compatible with ECTS are assured. Explain if quality assurance is carried out internally by the Masters consortium or by an external body. Any processes and procedures developed in response to specific needs of the study programme should be detailed.**

Each institution in the consortium already employs the ECTS credit system including grading scale. The PRODEV-programme follows the requirements specifies for ECTS: all individual courses and components are defined by credits including workload and contact hours and the total workload in 120 ECTS credits. Students are evaluated by using a common set of examination tools.

Quality assurance will be based on both internal and external assessment measures. This means that at NTNU, for example, courses are evaluated by course evaluation forms using the local system, at the end of the lecture periods. The evaluation forms provide feedback to the individual teachers as well as the departmental study committee, who are responsible for the quality of the courses. Evaluation of the entire study programmes is performed at national level at regular intervals by external investigators appointed by the Ministry of Education and Research.

External quality assurance will be guaranteed by arranging periodic global evaluations. It will be the responsibility of the Programme Committee to involve extra members for this who are not regularly part of the Programme Committee. These extra members will be 1-2 representatives from external organisations, one representative from the alumni of the programme, 2-3 academic representatives from institutions that are not part of the consortium. The basis for the evaluation will be the collective evaluations of courses (see Section 2.20.), the percentage of graduates, the professional position after graduation, the number of students continuing to PhD studies, the number of exhibitions, the number of competitions, the number of published papers written by students in the programme, the academic standard of scholars applying for mobility as well as numbers, etc. The

evaluation should result in a plan of action to be carried out under supervision of the Programme Committee, with feedback to the group of evaluators after a defined period of time, preferably after one semester.

A feedback seminar will be held at the end of each semester, with the participation of students, teachers and the administration. In addition to regular course evaluation forms collected at each university, we will develop one joint evaluation form (on-line + joint database) which collects important information concerning the whole of the PRODEV-programme and also concerning the services provided by the universities and the availability of teaching staff.

**2.21 Describe the evaluation and quality assessment mechanisms within the Masters consortium. Indicate if third-country students and scholars will be invited to assess the Masters Course at the end of their stay.**

Internal quality mechanisms are present at all partner institutions in the consortium. Each single course is evaluated after examination by questionnaires to be filled out by all students. The results from the evaluations are accounted for at the meetings of the Programme Committee, and suggested adjustments are discussed with the academic staff responsible for the respective courses. In addition, a feedback seminar is held at the end of each semester, with the participation of students, teachers and administration. As the questionnaire and feedback seminar are for all students and staff, this ensures that third-country students and scholars are involved in the evaluation and quality assessment.

### **Co-operation aspects**

**2.22 Describe the co-operation mechanisms within the Masters consortium.**

The coordinator of the Master's programme will be responsible for the administration and management of the programme in close collaboration with the programme managers at the partner institutions, and the financial and administrative staff at the home institution.

The consortium members already have a history of cooperation in different research and educational joint ventures, and regard the Erasmus Mundus programme as a possibility to pursue closer and more intensive integration of academic and administrative structures. All matters related to the administrative support of the students will be dealt with by staff from the International Offices at the institutions. Financial matters as well as the smooth running of administrative issues connected to the programme will be the responsibility of the financial group mainly staffed by the International Offices and/or the Schools/Faculties. Academic matters will be the responsibility of the Programme Committee, which will have regular meetings during the duration of the Master's programme as specified in Section 2.5. Since the Programme Committee has many areas of responsibility – admission, study plans, evaluation meetings etc., a plan for scheduled meetings and activities for the next three years will be discussed at the first Programme Committee meeting.

**2.23 Describe briefly the administrative staffing and the funding of the Masters consortium.**

The coordinator of the Erasmus Mundus Master's programme will be responsible for the administration and management of the programme in close collaboration with the programme managers at the partner institutions, and the financial and administrative staff at the own institution. The funding of the consortium will be based on the annual flat-rate grant and in addition the regular funding procedures at the institutions. In these tasks are included the common website, promotion activities, on-line application, Programme Committee and sub-group meetings.

### **Other aspects**

**2.24 Explain the extent to which the Masters Course is linked to research activities.**  
NTNU

The Department of Building Design, History and Technology at the Norwegian University of Science and Technology has gained considerable experience from its extensive research in Norway, internationally as well as in third countries. The Department is presently engaged in research projects as well as combined consultancy work and research in all these areas. Mono-disciplinary as well as multi-disciplinary projects, in domestic and international (mainly Asian) settings, are linked to teaching activities at Master's and PhD levels. These projects are in the fields of building design, architecture, building conservation and anthropology; urban development and history; building conservation and environmental and resource management; conservation, building technology and documentation techniques.

The Department of Social Anthropology at NTNU is at present involved in research programmes relating to urbanisation processes in Ghana and Uganda. These projects are focused towards traditional and modern systems of land management, identity formation related to rural-urban migration, urban farming and slum upgrading in African cities. The projects are carried out in cooperation with University of Ghana, Legon and Makerere University in Kampala.

For details – please see the staff CVs.

**EAPB:**

**WUT:**

**2.25 Explain how far the Masters Course has a distinctive European added value.**

A central feature of European culture is its diversity. The rich cultural variety of the different countries and regions, and the approach they have developed within the field of architecture is the outcome of the complex history of Europe. This diversity, and the ability to deal with complexity in urban contexts and in the process of globalisation, constitute a wealth of complementary perspectives and ways of thinking; a richness that should be communicated to other parts of the world. As the consortium member universities are situated geographically in south-central, east-central and northern Europe, this corresponds well to the aim of communicating this diversity of culture, thought and approach to practice (as previously described in Section 2.1).

One goal is to attract talented students and scholars to Europe, who may otherwise never have academic links to Europe. Education at Master's level in the framework of Erasmus Mundus provides a meeting point for students and scholars from many countries. The effect of this encounter will be twofold: Firstly - offering a high standard education for the students, which is beneficial whether they will use it for further studies or work in Europe or in their home-country. Secondly – establishing international networks for future research and education co-operation.

A second goal is to contribute to making the significance of European culture and identity visible for both Europeans and those from 'third countries'. The composition of the consortium, represents a lot of the variety found in the nations of Europe and this Master's programme will contribute to demonstrate and develop the balance between diversity and unity on our continent.

**2.26 Describe any aspect of the Masters Course which offers examples of good practice and which could be disseminated more widely.**

Since much of contemporary architecture fails to respect the qualities of the physical environment and the history of the particular site, this master's programme will develop innovative tools and approaches that will help architectural students and practising architects to understand the needs of the local community and the importance of maintaining the cultural continuity. Three examples of good practice that will be developed in this master's programme are methods to combine theoretical

issues and practical design work in concrete and realistic case studies; methods to help understand cultural and social meaning when making design choices; and methods to link theory and practice including cross-disciplinary approaches within this specific field of protection and development. All these new approaches can be used by many other schools of architecture/universities and disseminated to practising architects through continuing education.

**2.27 Describe any other aspect of the Masters Course not covered by the previous questions and which can be of relevance for the assessment of your application.**

A central objective of the Master's programme is to widen – and encourage a critical approach to – the system of references usually handled by students in the prevalent, specialised culture of the profession of architecture. This means that students will be encouraged to identify architecture as a visual representation and embodiment of a culture. Enabling architectural students to see the cultural perspective in a project is essential, when we consider that all creation involves transformation, in a situation of tension between knowledge and intuition.

In this perspective, the question of the autonomy of architecture must be addressed. The architectural works identified as remarkable, are often seen as objects independent of the conditions of existence in which they were created. A notion of absolute value is ascribed to them, exerting a strong seductive power, endorsing individual expressionism that ignores the situational space/time context.

Instead, this programme aims to foster the conception of architecture as a visual representation and embodiment of a culture that must be situated in, and respond to its community context. This requires a conscious attitude about how tradition is transmitted and interpreted. Rather than viewing tradition as a more or less out-dated legacy of customs and habits, the transmission of tradition should be valued in the perspective of identity and belonging. In this perspective, architecture acts as a link in the structural bond between a community and its physical environment. Differences and variation are considered as contributions to a rich, universal diversity.

The Master's programme aims at training students to develop a standpoint to the conditions of architecture as a system of values and references beyond that of the individual, by presenting a corrective to the prevailing trends favouring short-lived “novelties” of architectural design, with little concern about social and historical context, or future duration, utilisation possibilities and maintenance. The transmission refers to a unit of space/ time beyond that of the individual. It is a difficult concept in times of ego exaltation and yet so fundamental for a discipline made of sedimentation and stratification. Further - territory and site are not perceived as meaningless supports, but as a memory. Consequently, the design project can be the search for the conditions in which this link is made precisely; the memory is not broken, it is projected ahead: taking in what is already there, in order to pass it on to what is coming. In other words what it is doing is finding *how to give a future to the past*.