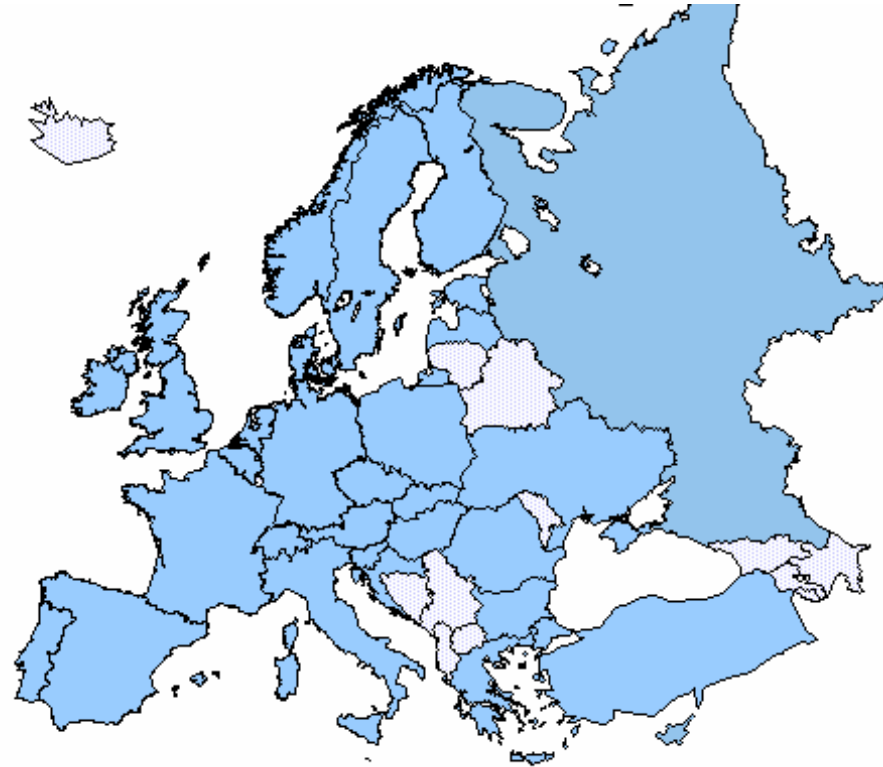




# Towards a Uniform European Education for Medical Physicists

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**10-th NATIONAL CONFERENCE ON BIOMEDICAL PHYSICS AND  
ENGINEERING, 16-18.10.2008, Sofia, Bulgaria**

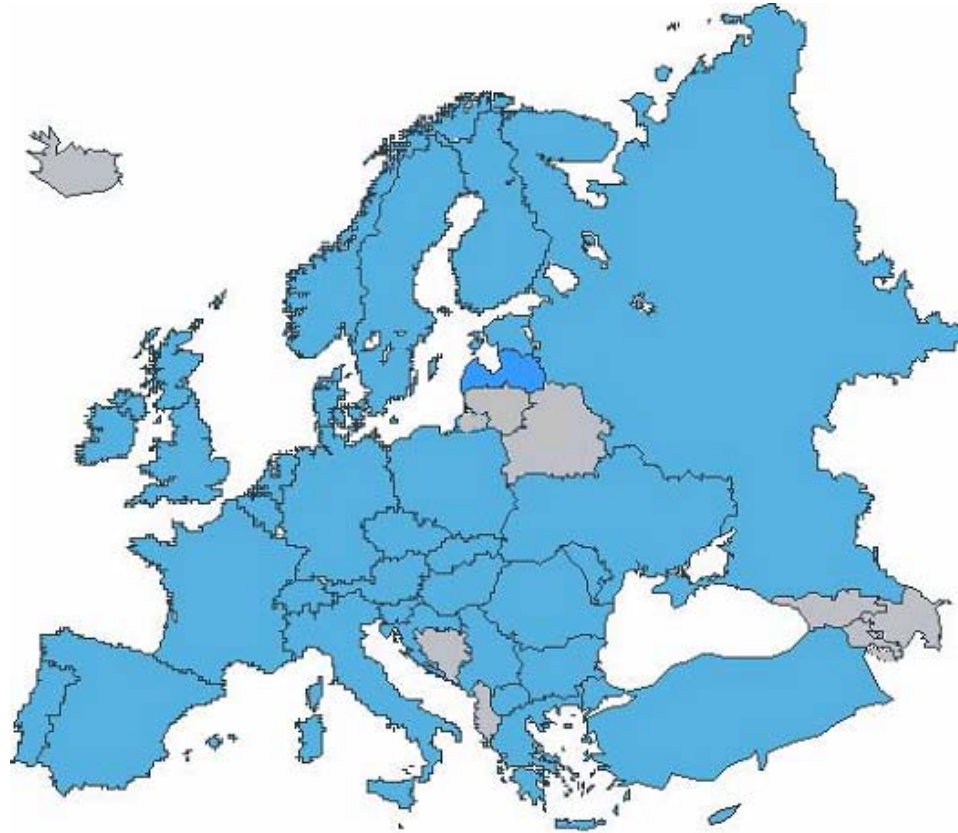


# OUTLINE

- **EFOMP Representation**
- **EFOMP Mission and Objectives**
- **Education & Training Activities**
- **Future Education & Training Activities**

# Current Membership

Austria  
Belgium  
Bulgaria  
Croatia  
Cyprus  
Czechia  
Denmark  
Eire  
Estonia  
Finland  
France  
FYRO Macedonia  
Germany  
Greece  
Hungary  
Italy  
Latvia  
Moldova  
Netherlands



36 NMOs

Norway  
Poland  
Portugal  
Romania  
Russia  
Serbia and  
Montenegro  
Slovakia  
Slovenia  
Spain  
Sweden  
Switzerland  
Turkey  
Ukraine  
United Kingdom  
**Algeria**  
**Israel**  
**South Africa**

➤ **EFOMP Representation**

## Missing European Union Countries

- **Lithuania – trying to set up an association**
- **Luxembourg – currently has only 5 Medical Physicists**
- **Malta – has applied for membership**

**EFOMP is the vehicle for harmonising Medical Physics in the European Union Member States.**

➤ **Mission and Objectives, 1980**

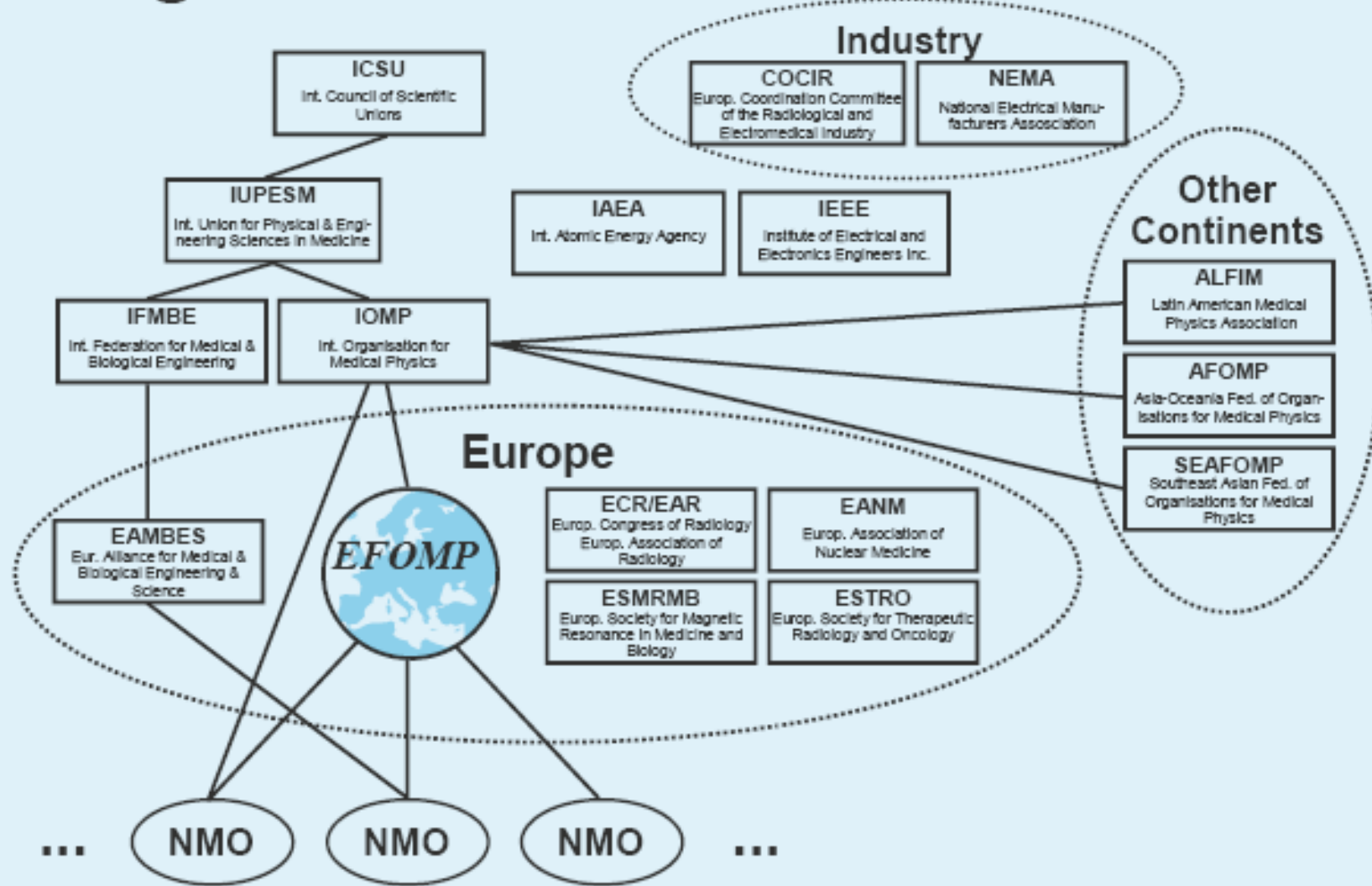
- **Proposing guidelines** for education, training and accreditation programmes
- **Making recommendations** on the appropriate general responsibilities...
- **Encouraging the formation of organisations** for Medical Physics where such organisations do not exist

➤ **Mission and Objectives, today**

- Policy Statements
- Registration Scheme
- Continuous Professional Development – CPD
- Collaboration with other organisations

EU, ESTRO, ESR, EANM, ESMRMB, EIBIR, IAEA, WHO, IOMP, IFMBE, IUPESM, ICSU, .....

# Organisations around EFOMP



## ➤ Education & Training Activities

### Education, Training and Professional (ETP) Committee

**The Education Training and Professional Committee is responsible to the Council of the Federation for encouraging National Member Organisations to facilitate practitioners' attainment of competence and excellence in the application of physical sciences to medicine. It is also responsible for coordinating across the National Member Organisations the establishment and maintenance of the means of recognition of competence and excellence of those working as medical physicists.**

**.... throughout Europe (not only the European Union).**



## ➤ Education & Training Activities

### **Standing Committee on Registration**

**The Standing Committee on Registration Matters develops and implements EFOMP's proposals of national registration schemes.**

### **Communications and Publications Committee**

**The Communications and Publications Committee is responsible for disseminating information, both to EFOMP members and to the wider public.**

## ➤ Education & Training Activities

### Policy Statements

***Policy Statement 1:*** “Medical Physics Education and Training:  
The present European Level and  
Recommendations for its Future  
Development”  
(P. S. No. 12)

***Policy Statement 2:*** “The Roles, Responsibilities and Status of the  
Clinical Medical Physicist”

***Policy Statement 3:*** “Radiation Protection of the Patient in  
Europe: The Training of the Medical  
Physicist as a Qualified Expert in  
Radiophysics”  
(P. S. No. 9)

***Policy Statement 4:*** “Criteria for the Number of Physicists in a  
Medical Physics Department”  
(P. S. No. 7)

## ➤ Education & Training Activities

### Policy Statements

*Policy Statement 5:* “Departments of Medical Physics - Advantages, Organisation and Management”

*Policy Statement 6:* “Recommended guidelines of National Registration Schemes for Medical Physicists”

*Policy Statement 7:* “Criteria for the Staffing Levels in a Medical Physics Department”

*Policy Statement 8:* “Continuing Professional Development for the Medical Physicist”

*Policy Statement 9:* “Radiation Protection of the Patient in Europe: The Training of the Medical Physics Expert in Radiation Physics or Radiation Technology”

## ➤ Education & Training Activities

### Policy Statements

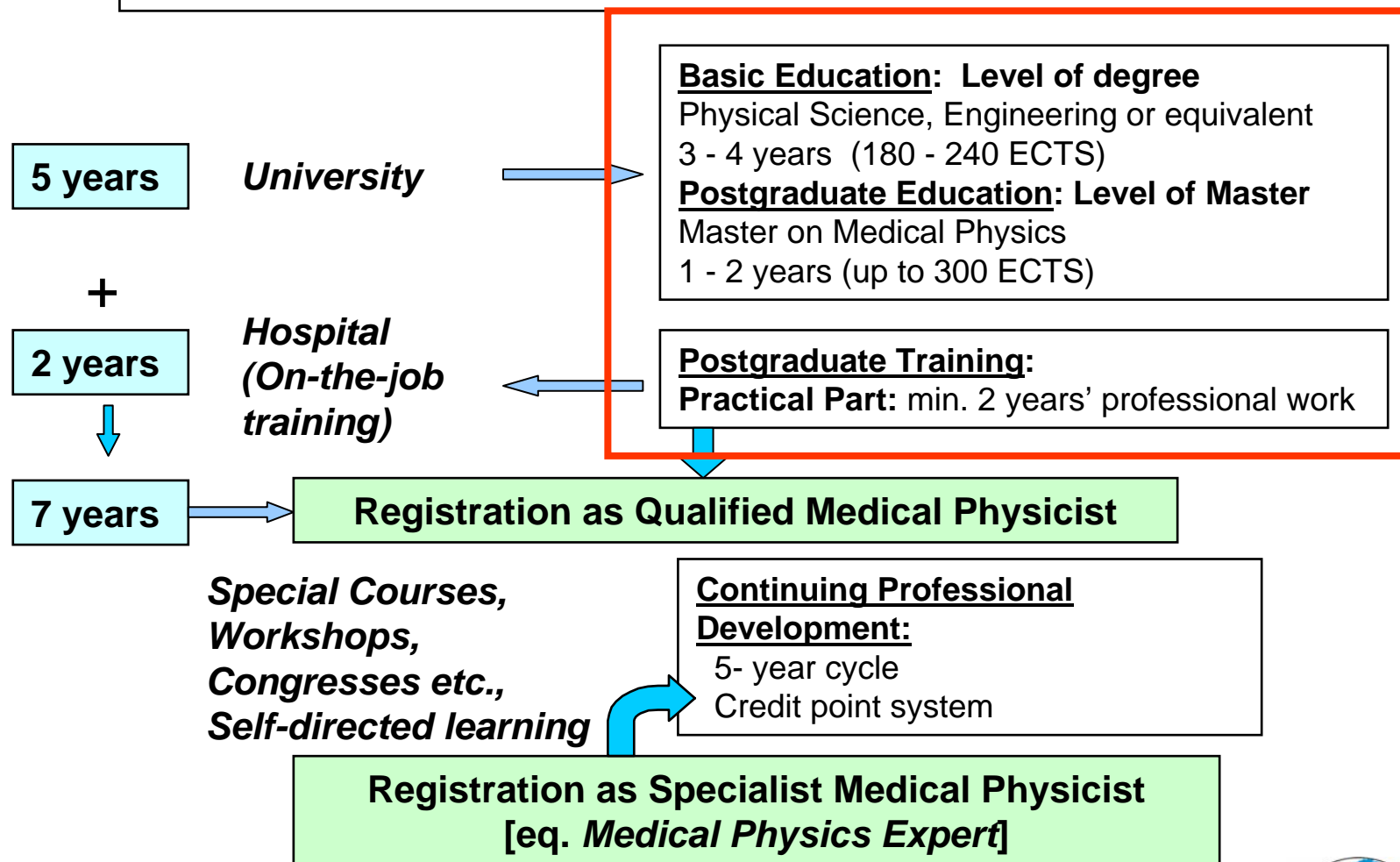
***Policy Statement 10:*** “Recommended Guidelines on National Schemes for Continuing Professional Development of Medical Physicists”

***Policy Statement 11:*** “Guidelines on Professional Contact and Procedures to be Implemented in the Event of Alleged Misconduct”

***Policy Statement 12:*** “The present Status of Medical Physics Education and Training Europe. New Perspectives and EFOMP Recommendations”

***Policy Statement 13:*** “Recommended Guidelines for the Development of Quality Management Systems for Medical Physics Departments”

# "Revised" EFOMP recommendations on Education, Training and CPD of Medical Physicists (2008)



## ➤ **Future Education & Training Activities**

### **Factors to Consider**

- **Bologna Declaration - Process**
- **Continuous Professional Development**
- **European Network for Medical Physics training Schools**
- **EU Directive 2005/36/EC**
- **EU Recommendation 2008/C 111/01**

➤ **Future Education & Training Activities**

➤ **Bologna Declaration - Process**

**Harmonisation of Education and Training across Europe by 2010**

**EFOMP's actions for the harmonisation of the Education and Training of the Medical Physicist in Europe:**

➤ **Policy Statement No 12**

➤ **ESTRO - EFOMP in Radiotherapy\***

➤ **ESR - EFOMP in Radiology**

➤ **EANM - EFOMP in Nuclear Medicine**

➤ **ESMRMB - EFOMP in Magnetic Resonance Imaging**

\* Guidelines for education and training of medical physicists in radiotherapy (Radioth. Oncol. **70** (2004) 125-135)

➤ **Future Education & Training Activities**

➤ **Continuous Professional Development**

**Policy Statements 6, 8 and 10**

<b>Country</b>	<b>Expiry date.</b>	<b>Country</b>	<b>Expiry date.</b>
<i>(Austria)</i>	<i>1.1.07)</i>	Ireland	1.1.11
Denmark	1.1.11	Italy	1.1.09
Finland	1.1.10	Netherlands	1.1.09
France	1.1.11	Spain	1.1.13
Germany	1.1.10	<i>(Switzerland)</i>	<i>1.1.06)</i>
Greece	1.1.11	UK	1.1.13

**May 2008 Status**



➤ **Future Education & Training Activities**

➤ **Continuous Professional Development**

**European Network for Medical Physics training Schools**

**The EFOMP Council, at its last meeting in September 2007, has decided to create the **European Network for Medical Physics training Schools - ENMPS**, with the aim to harmonise the Continuous Professional Development Courses in Europe.**

**The Steering Committee of the Network is hard at work with the aim to start the first courses before the end of 2008.**

➤ **Future Education & Training Activities**

➤ **EU Directive 2005/36/EC**

**Directive 2005/36/EC of the European Parliament and of the Council of 7 September 2005 on the recognition of professional qualifications.**

**This Directive establishes rules according to which “a *Member State which makes access to or pursuit of a regulated profession in its territory contingent upon possession of specific professional qualifications shall recognise professional qualifications obtained in one or more other Member States and which allow the holder of the said qualifications to pursue the same profession there, for access to and pursuit of that profession”.***

➤ **Future Education & Training Activities**

➤ **EU Directive 2005/36/EC**

**Therefore, in order for Medical Physics to be recognised by the European Union as a Profession, we need to harmonise our Education and Training.**

**Some of the benefits are:**

➤ **Regulated profession**

➤ **Free movement & employment across the EU**

➤ **Future Education & Training Activities**

➤ **EU Recommendation 2008/C 111/01**

**Recommendation of the European Parliament and of the Council of 23<sup>rd</sup> of April 2008 on the establishment of the European Qualifications Framework for lifelong learning.**

**This recommendation defines the levels in the European Qualifications Framework.**

**These are 8 levels defined in terms of the learning outcomes at each level in terms of Knowledge, Skills and Competence gained at that level.**

➤ **Future Education & Training Activities**

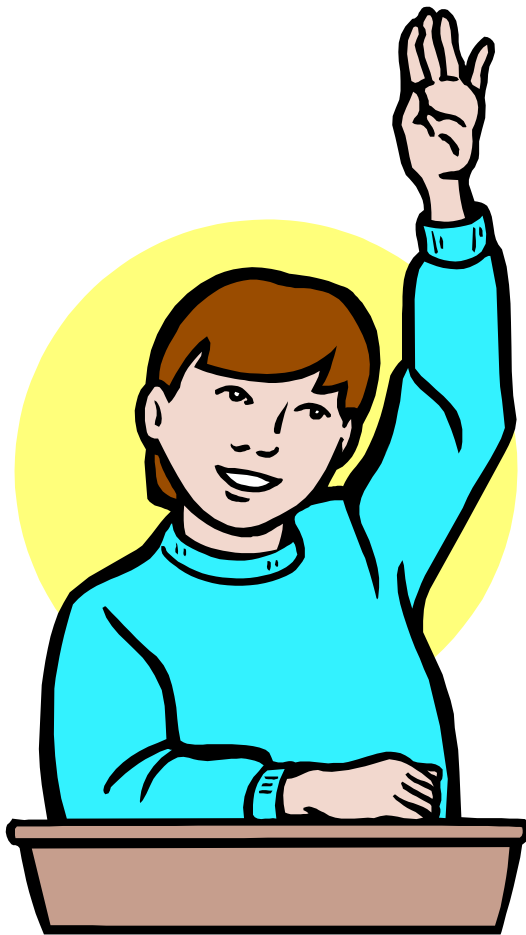
➤ **EU Recommendation 2008/C 111/01**

**Our Continuous Professional Development will need to be at the appropriate level of these recommendations in order to be compliant with our professional status.**

**EFOMP has started work in order to establish the appropriate level of knowledge, skills and competence that our CPD courses should provide in order to meet the expectations of these EU recommendations at the appropriate level to fit our professional status.**

**The contribution of our NMOs in this work is of paramount importance.**

<http://www.efomp.org>



I am ready to Answer  
your Questions.

Thank You