

Pharmacy Education in Europe

PHARMINE

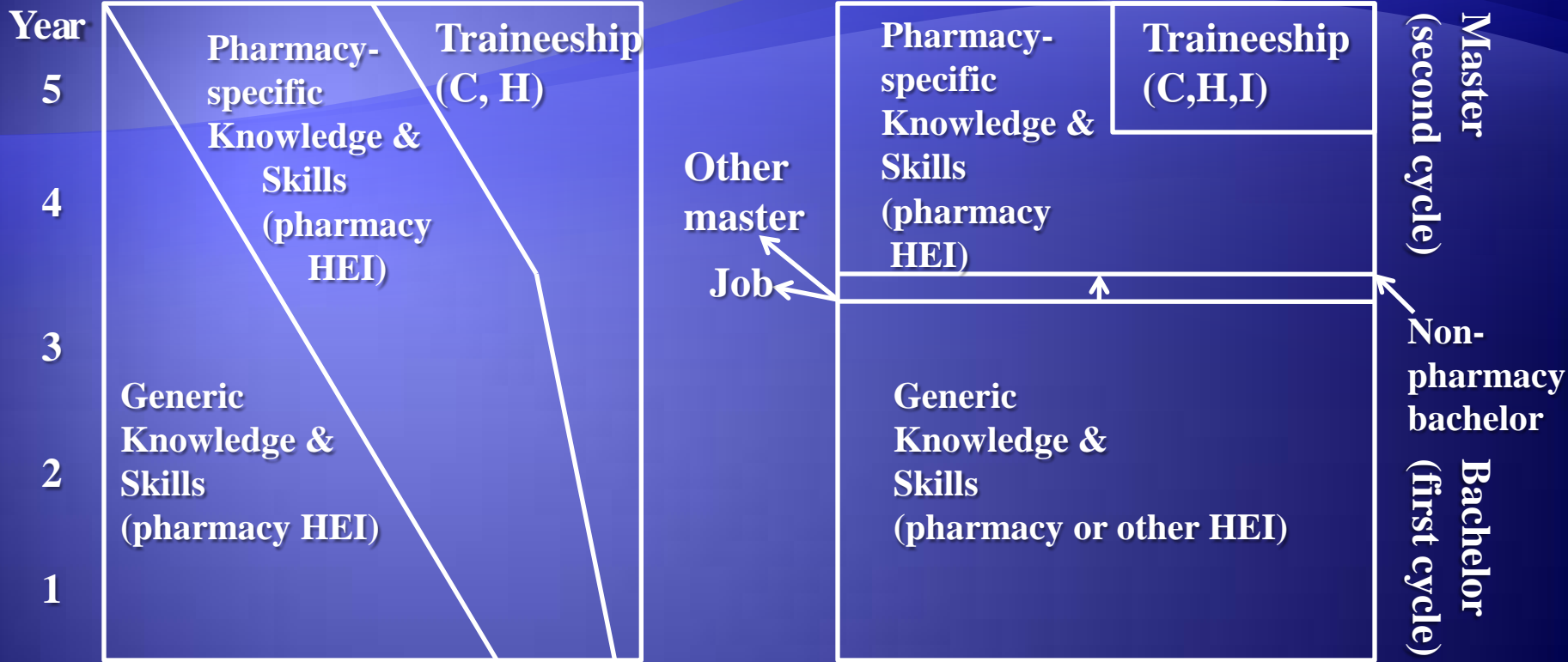
PHARMINE background

- ◆ The EAFP / Bourlioux / EU Tempus project CME 94-F-2002
- ◆ Countries: AT, BG, CZ, EE, FI, HU, IS, LT, NO, PL, RO, SI, SK, SE, CH, then BE, DK, FR, DE, GR, IE, NL, PT, ES, UK
- ◆ Collected data on pharmacy curricula & training in Europe (1995-1997)

PHARMINE why

- ◆ Bologna principle: 3 year bachelor then 5 year master
- ◆ Directive 2005/36/EC
 - ◆ At least 5 years' study
 - ◆ Indicators of knowledge & skills
- ◆ EAFP / Bourlioux survey in the 1990s
 - ◆ Wide diversity in EU HEIs
- ◆ Need for a
 - ◆ New survey
 - ◆ New *PHARMINE* recommendations

Professional pharmacy practice



Sectoral profession model

Seamless "tunnel"

Aim: recognition of Professional qualifications

Bologna model

Two cycles/tiers

Aim: European Higher Education Area (EHEA)

PHARMINE aims & objectives

1. Identify, localise & survey core competency curricula in EU HEI's
2. Disseminate results of (1)
3. Produce a new EU model for core competency curriculum in pharmacy

PHARMINE

core partners

PHARMINE core partners

Vrije Universiteit Brussel (VUB)

◆ **Bart Rombaut**

- ◆ Research interests: virology, antiviral drugs, vaccines
- ◆ Expert for EMEA (London) and FAMHP (Brussels)
- ◆ Dean of the School of Pharmacy of Vrije Universiteit Brussel



PHARMINE core partners

Pharmacolor Consultants Nancy (PCN)

Jeffrey Atkinson

- ◆ Emeritus professor Nancy University
- ◆ Research: vascular biology
- ◆ Past President of the European Association of Faculties of Pharmacy
- ◆ Expert for the 5th through 7th EU frameworks in biomedical sciences
- ◆ Director “European School of Pharmacology”
- ◆ Co-director “EpharNet” (IT in pharmacology)
- ◆ Expert for the French government on human and animal medicines
- ◆ Member of the teaching committee of IU PHARmacology
- ◆ Member of ECVAM and the French committee on laboratory animals



PHARMINE core partners

P₃, School of Pharmacy, University of London

◆ Ian Bates

- ◆ Specialist in competency-based education in health care
- ◆ Advisor to the WHO
- ◆ Heads FIP/UNESCO Taskforce on Pharmacy Education
- ◆ Leader UK consortium on post-registration careers



◆ Tina Brock

- ◆ Specialist in patient-focussed education & new ITC methods
- ◆ Research in health/promotion disease prevention for the underserved



◆ Catherine Duggan

- ◆ Specialist in evaluation of health care services
- ◆ Chair of the UK Clinical Pharmacy Association



PHARMINE core partners

P₄, School of Pharmacy, University of Lisbon (F.F.U.L.)

◆ José A. Morais

- ◆ Dean of F.F.U.L. & professor of pharmacokinetics
- ◆ Research on bioequivalence issues
- ◆ Member of EMEA
- ◆ Chairman of CPMP group on Guidelines on Bioequivalence



◆ Matilde Castro

- ◆ President scientific board of F.F.U.L.
- ◆ Coordinator of master on QA in food technology

PHARMINE core partners

P5, European Pharmaceutical Students' Association (EPSA)
the President

- ◆ President: **Marisabelle Bonnici**



- ◆ EPSA Officer : **Tomaso Piaggio**



PHARMINE core partners

P6, Pharmaceutical Group of the European Union (PGEU) General Secretary

- ◆ John Chave
 - ◆ General Secretary
 - ◆ Lawyer with long standing interest in health issues
- ◆ Ivana Silva
 - ◆ Pharmacist
 - ◆ Director of Pharmaceutical & Professional Affairs
- ◆ Patricia Munoz
 - ◆ Lawyer
 - ◆ Advisor to the profession on impact of EU policies & legislation



PHARMINE core partners

P7, European Association of Hospital Pharmacists (EAHP)
Executive Director

- ◆ Juraj Sykora
 - ◆ Director of Professional Development

- ◆ Roberto Frontini
 - ◆ Director of Finances



PHARMINE core partners

P7, European Association of Hospital Pharmacists (EAHP)
Executive Director

Tony West

- ♦ Immediate past president



Catherine Hartmann

- ♦ Executive director
- ♦ Coordinator EAHP group on specialisation in hospital pharmacy



PHARMINE core partners

P8, European Industrial Pharmacists Group (EIPG)
Executive Director

Jane Nicholson

- ♦ Executive director EIPG
- ♦ Past regulatory affairs manager BMS
- ♦ Past vice-president FIP
- ♦ British Pharmaceutical Society
 - ♦ Past chairman of science and practice committees
 - ♦ Member of Education committee



PHARMINE associated partners

PHARMINE associated partners

- ◆ **University of Tartu, Estonia:**

- ◆ Peep Veski
- ◆ Daisy Volmer
- ◆ Urve Paaver

Co-ordination contacts with new member states



- ◆ **National and Kapodistrian University, Athens, Greece:**

- ◆ **Dimitrios Rekkas**
 - ◆ Quality assurance



PHARMINE associated partners

- ◆ **University of Patras, Greece:**

Konstantinos Poulas

- ◆ Industrial pharmacy



- ◆ **Complutense University,
Madrid, Spain:**

Benito del Castillo-Garcia

- ◆ Co-ordination contacts with MS in
Southern Europe and Central and
South Americas



PHARMINE associated partners

- ◆ University of Lille, France:

Annie Marcincal

- ◆ Quality assurance



- ◆ Ordre des Pharmaciens, Paris:

Isabelle Baron

- ◆ Competency curriculum for professional pharmacists



PHARMINE associated partners

- ◆ University of Oslo, Norway:

Karen M. Uhlshagen

- ◆ Development at the bachelor level
(in WP₃)



- ◆ University of Tromsø, Norway:

Thrina Leonnechen

- ◆ Development of Ph.D. programmes (in WP₃)

PHARMINE associated partners

- ◆ University of Strathclyde:

Stephen Hudson

- ◆ Hospital pharmacy (WP4)



- ◆ UK Clinical Pharmacy Association (UKCPA):

Catherine Duggan

- ◆ Standards & competencies of hospital practitioners



PHARMINE associated partners

- ◆ University of Hacettepe, Turkey:

Filiz Hincal

- ◆ Co-ordination for Turkey and the Balkans



- ◆ US Accreditation Council for Pharmacy Education (ACPE):

Mike Rouse

- ◆ Quality assurance & accreditation (WP6)



PHARMINE

WORKPROGRAMMES

(WPs)

PHARMINE (WPs)

Workpackage number	Workpackage type	Workpackage title	Start	End
WP1	MNGT	Management and steering committee	1	24
WP2	DISS	Dissemination of results	12	24
WP3	EXP	Exploitation of results- recommendations on competency curriculum for professional pharmacists	6	24
WP4	EXP	Exploitations of results – recommendations on competency curriculum for pharmacy specialisation (hospital)	6	24
WP5	EXP	Exploitations of results – recommendations on competency curriculum for pharmacy specialisation (industrial)	6	24
WP6	QPLN	Quality assurance	12	24
WP7	DEV	Development – Databank of EU HEIs delivering pharmacy education and training and task force for the survey of competency curricula	1	24



Education and Culture DG

Lifelong Learning Programme

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Pharmacy Education
in Europe

