



WHO Collaborating Centre
for Evidence-Based Health Promotion in Hosp & HS
Bispebjerg University Hospital



Monitoring Smoking Cessation Programs in Europe

Research Assistant Louise Rindel MD

Coordinator Mette Rasmussen MSc

Professor Hanne Tønnesen MD PhD



WHO Collaborating Centre
for Evidence-Based Health Promotion in Hosp & HS
Bispebjerg University Hospital



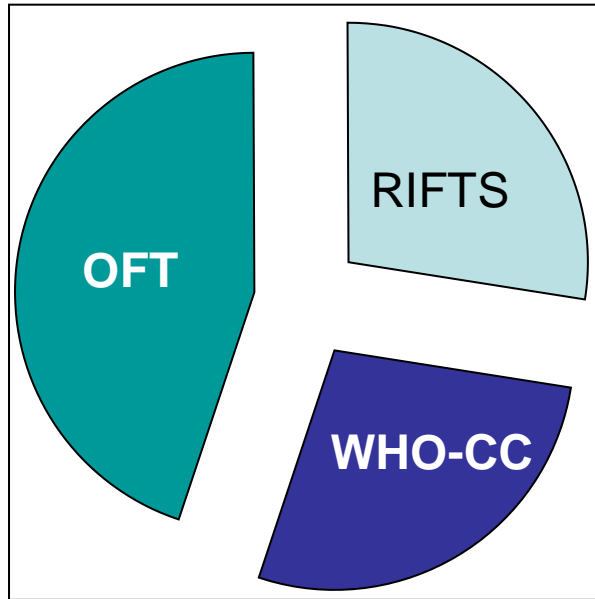
Thank you to

Austria, Belgium, Cypress, Czech Republic, Estonia, Denmark, Finland, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Netherlands, Norway, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, Turkey, United Kingdom

EU application

Associated Partners

+ Collaborating



Office francais de Prevention du Tabagisme (Fra)

Research Institute for a Tobacco Free Society (Ire)

WHO-Collaborating Centre (Den)

Cons de dependance tabagique (Fra)

Catalan Inst Oncology (Spa)

ENSH (Europe)

ENSP (Bel)

EPSHP (Fin)

HOPE (Bel)

DNRfK (Ger)

Health Public General Direction (Spa)

FARES (Bel)

Inst social and preventive med (Gre)

Ludwig Boltzmann Inst (Aus)

Estonian HPH (Est)

Inst pneumonology (Rom)

Min Health (Cyp)

Italian Cancer League (Ita)

European Network of Quitlines (UK)



WHO Collaborating Centre
for Evidence-Based Health Promotion in Hosp & HS
Bispebjerg University Hospital





Background

- Smoking cessation programmes are effective, as well as cost-effective
- How are these programs monitored in real life ?
- Do we have national/regional Databases to monitor the smoking cessation programs in Europe ?



Aim

Conduct a survey in order to identify current national /regional databases used to monitor and evaluate smoking cessation services

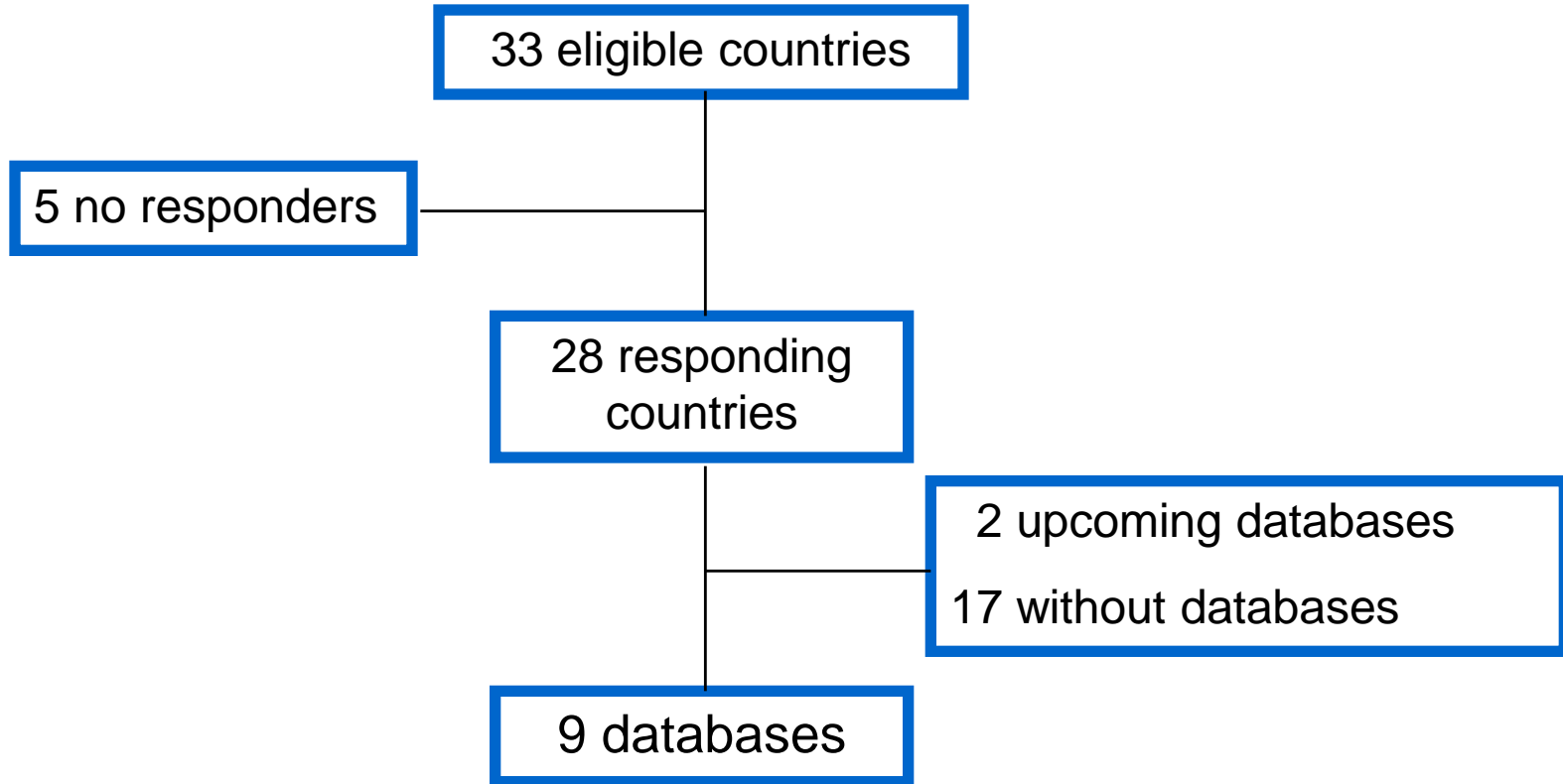


Methods

- All 33 European countries were contacted and received information letter and the questionnaire
 - Ministry of Health
 - Coordinators: HPH, ENSH, ENSP, HOPE
- Incl criteria for
 - Individual data from clinical practice,
 - Face-to-face programs,
 - Follow-up
- Excl criteria
 - No registration of intervention programs



Trial Profile





Results

Country	Degree of Covering Estimate of smokers in population, 2008	Degree of Covering Estimate of units in area, 2008
Czech Republic	0,04%	20/25 = 80%
Denmark	0,80%	376/450 = 84%
Hungary	117/117 = 100%
Iceland	0,08%	1/3 = 33%
Luxembourg	0,42%
Malta	0,20%
Romania	0,17%	58/100 = 58%
UK/Scotland	2,62%	353/459 = 77%
Spain (local)



Results

- All databases registered baseline data with high data completeness (above 90%)
- Baseline data included personal prognostic indicators:

Gender	(9/9)
Age	(8/9)
Marital Status	(5/9)
Employment Status	(6/9)
Fagerström Score	(8/9)
Earlier Quit Attempts	(8/9)
Duration of intervention	(8/9)
NRT, bupropion, varenicline	(5/9)



Results

- The process indicators used by 6/9 databases
 - Participation
 - Fulfilment
 - Follow-up for quit rate after intervention
- 6/9 database had procedures to ensure a high quality of collected data, but with great variation in procedures and focus.
- Two databases had a user-friendly web-page with access for users to statistical reports on unit data.
- Time for Follow-up after intervention varied between databases from 1-12 months.



Conclusions

- Degree of covering compared to smoking adult population is low, except for Scotland with 5%. There could be many reasons for this.
- Data completeness was high for personal prognostic indicators, but not for process indicators.
- Time for Follow-up after intervention differed between databases and makes comparison difficult.
- There is a need for Standardised Best Practise Guidelines to ensure a high quality of collected data.



Conclusions

- Clinical Quality Databases for monitoring smoking cessation intervention represents an effective and cost-effective method to systematically monitor and evaluate this health promoting activity in every day practice.
- We need further investigations
 - But also corporation and sharing of know how between countries.



WHO Collaborating Centre
for Evidence-Based Health Promotion in Hosp & HS
Bispebjerg University Hospital



Thank You!!

- **Research Assistant Louise Rindel MD**
- Coordinator Mette Rasmussen MSc
- Professor Hanne Tønnesen MD PhD