



A further contact with Stakeholders in preparation of the Teleconference of June 13th, 2017

Walter Ambrosini

CIRTEN

WP2 Leader in the ANNETTE Project

May 2017



This project has received funding from the Euratom research
and training programme 2014-2018
under grant agreement No 661910



OF THIS PRESENTATION

Dear Stakeholder,

After starting the dialogue with you since November 2016, we are now in the position to show some of our proposed courses in terms of Learning Outcomes in an attached report, better describing the present status of the programme (please, read it ! thanks...)

This has a multifold purpose:

- making you aware of ongoing developments in greater detail*
- showing you that the first interaction with stakeholders was fruitful also in providing new ideas and courses*
- asking you further suggestions to finalise our programme*

Our plan is to have better structured courses by the end of the year, to be delivered during 2018



OF THIS PRESENTATION

Please, provide us with feedback **within June 10**, even if you are not going to participate in the teleconference on June 13th, 2017

AND

(for those not joining on 13/06) please indicate to us the possible period in which you may be available for joining a more “plenary” teleconference

THANKS IN ADVANCE !





AN UPDATED VISION OF ANNETTE - 1



Being sure that you already got acquainted with our project in the previous interaction, we wish to underline some specific perspective of ANNETTE as Advanced Networking for Nuclear Education and Training and Transfer of Expertise

For a reminder on ANNETTE, please consider the clip at https://www.youtube.com/edit?o=U&video_id=jNxlyJ7oZRU

Being conceived as a major effort in coordination of nuclear E&T, ANNETTE is not simply a new European Fission Training Scheme (EFTS) among others

Indeed ANNETTE **starts with a core of courses** that were selected to be enough representative of the fields of **Nuclear Technology, Radiation Protection and Waste Management and Geological Disposal**
HOWEVER, THERE IS SOMETHING MORE THAN THAT !



This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement No 661910





AN UPDATED VISION OF ANNETTE - 2



With such a widespread goal, it is expected that our Learning Outcomes will cover some of the addressed areas, also considering that Nuclear Safety Culture and the “nuclearisation” of Fusion will be added, making even larger our perspective

The idea is to start with “master” (after MSc) courses and a Summer School for the mentioned areas that should attract other course providers to organise a more complete offer

In other words, what we are proposing here is the start of an action that will have first courses next year 2018, but which is aiming to survive even after the project completion enriching its offer with more many courses

**WHAT WE PROPOSE NOW IS A GOOD START
OF A LONG LASTING ACTION !**

This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement No 661910



IS THIS VISION REALISTIC ?

Some of you, in filling the previously developed questionnaire, proposed to support ANNETTE also contributing with own courses to fill some identified gaps

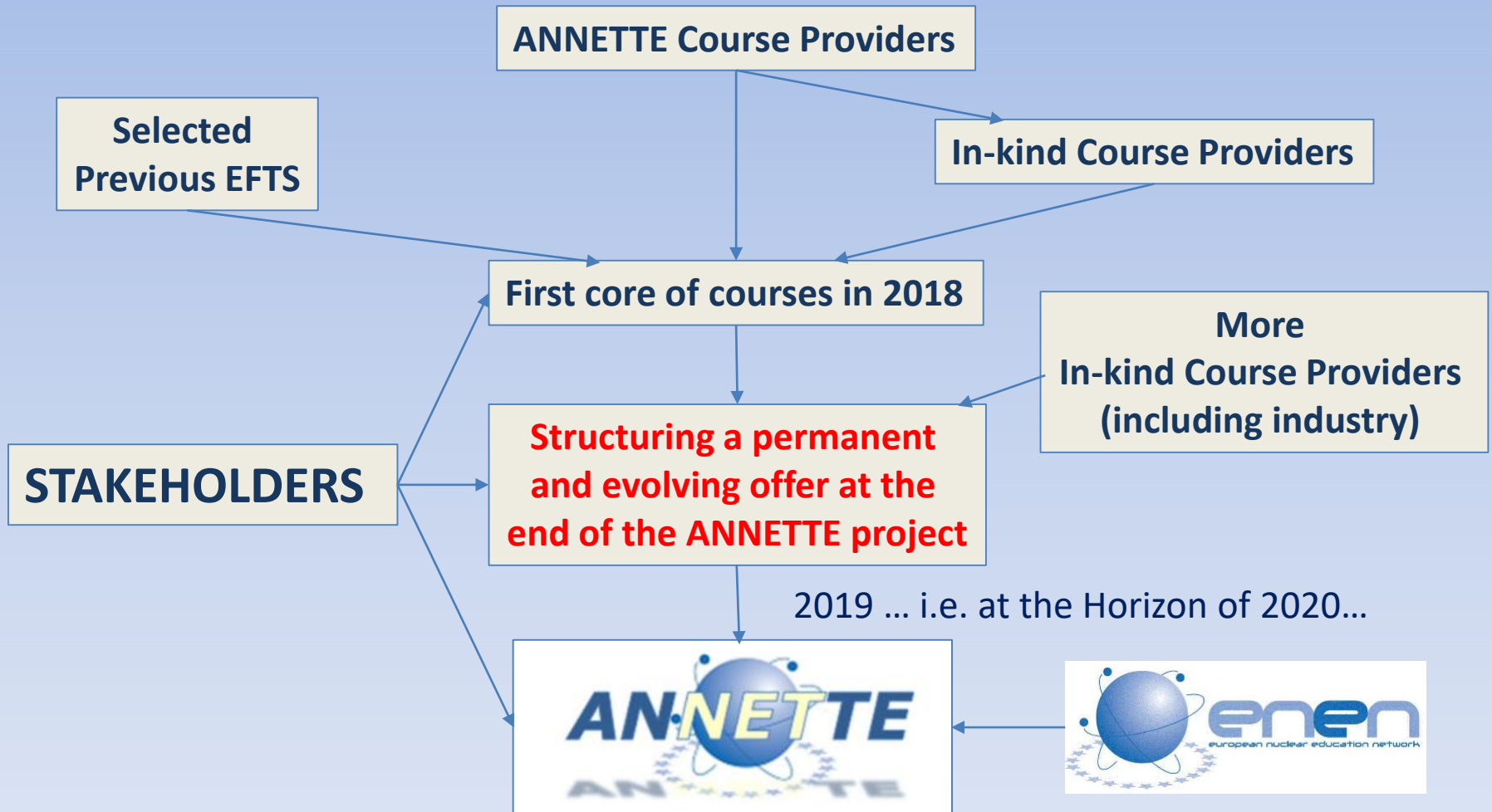
This was not unexpected: gaps certainly exist in our offer, but the offer was open since the very beginning to in-kind contributions capable to create win-win situations

- the present courses of ANNETTE serve as a basis to assure a sufficient “critical mass”
- in-kind courses from other course providers and previous EFTS, can add more and prepare for the future of ANNETTE

If we want to set up a major coordination, we really can:
THIS IS “ADVANCED NETWORKING”



A SKETCH OF THE VISION





THIS VISION IS IMPLIED IN YOUR ANSWERS - 1



The questionnaires from some Stakeholders reported answers leading to the present updated view of ANNETTE: willingness to contribute is expressed

Ansaldo Nucleare: *“Industry may provide some teaching (mainly seminars) for specific aspects like quality, standards etc. which may not be completely covered at universities. (...) Add seminars to the teaching offer including teachers from industry and research labs. Try to cover in this way some additional aspects not usually object of teaching (standards, quality, etc.)”*

EdF: (in relation to filling the gaps by course providers) *“Some topics are provided by EDF”*

Fortum: *“Also Fortum is willing to provide focused courses in certain areas, such as SMR licensing, nuclear licensing, etc.”*





THIS VISION IS IMPLIED IN YOUR ANSWERS - 2



GENTLE: Some partners of the Consortium contacted after receiving the questionnaire, answered enthusiastically to the perspective of offering their intersemester courses in cooperation with ANNETTE: a discussion is underway

IAEA: (proposing support)

- *IAEA Nuclear Energy Management School (European Regional NEM School proposed to be held annually in different EU locations)*
- *IAEA Nuclear Knowledge Management School (annually at ICTP in Trieste)*
- *IAEA-endorsed International Nuclear Management Academy (INMA) master's programmes in Nuclear Technology Management offered by Manchester (UK) and MEPhI (Russian Federation) (several other universities are in process of implementing). A second level master's programme could be developed for EMSNE graduates to complete the INMA NTM programme (could likely be compressed into 1 year). Note the INMA NTM programme requirements are fully documented and available in a new IAEA NE Series Publication (available in draft now upon request).*

MELODI: “*MELODI has an interest in ANNETTE, in particular through involvement in the education and training workpackage of the CONCERT European Joint Programme. This WP promotes E&T in support of research into radiation protection in the areas of low-dose exposure, environmental exposure, radiation dosimetry, emergency response, and medical radiation use. ”*



This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement No 661910



ASKED TO YOU

- Feel free to suggest anything you consider worth to, after considering the Learning Outcomes of our courses (see the report)
- However, we wish to ask you some further opinion on the way our courses should be organised
- These questions concern aspects raised by our previous contact:
 1. should we go for **accreditation by setting up joint “second level masters” by Universities** (not easy!) or should we have ENEN as supranational entity releasing certificates?
 2. should we **offer full programmes (students enrolling for a full “master”)** or the courses should be short and focused for “nuclear”, “nuclearized” and “nuclear aware” personnel?
 3. should we go for both options either in 1 and / or 2?



**Thank you for your availability
and patience !**

**Please use the following slides to
convey your message to us**



This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement No 661910





ON LEARNING OUTCOMES

Your
Institution
Logo

- (...)
- (...)
- (...)
- (...)



This project has received funding from the Euratom research
and training programme 2014-2018
under grant agreement No 661910





ON ANNETTE VISION

Your
Institution
Logo

- (...)
- (...)
- (...)
- (...)



This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement No 661910





ON ACCREDITATION BY UNIVERSITIES AND/OR ENEN

Your
Institution
Logo

- (...)
- (...)
- (...)
- (...)



This project has received funding from the Euratom research
and training programme 2014-2018
under grant agreement No 661910





ON FULL PROGRAMMES AND / OR SHORT UNITS

Your
Institution
Logo

- (...)
- (...)
- (...)
- (...)



This project has received funding from the Euratom research
and training programme 2014-2018
under grant agreement No 661910





WHATEVER YOU MAY LIKE TO TELL US

Your
Institution
Logo

- (...)
- (...)
- (...)
- (...)



This project has received funding from the Euratom research
and training programme 2014-2018
under grant agreement No 661910

