MEDITERRANEAN SECURITY EVENT 2019

SHUTTLE

SHUTTLE First Public Workshop

DISCUSSION TOWARDS END-USERS

OBJECTIVE

THE SHUTTLE TOOLKIT WILL BE DEVELOPED.

BUT THE CONSORTIUM WANTS TO GO FURTHER.

WE HOPE THE TOOLKIT WILL BE INTRODUCED IN MANY LABORATORIES, BOTH FOR CASE WORK AND R&D WORK.

IN THIS SESSION, WE WILL DISCUSS SEVERAL ASPECTS THAT WILL BE REQUIRED TO MAKE THE TOOLKIT AS USEFUL AS POSSIBLE.

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PROGRAMME

SHUTTLE

Raise visibility and awareness on SHUTTLE

Q/A on the Technical Requirements

Focus points for implementation of SHUTTLE into Case Work validation R&D studies Education

Interaction with Suppliers

Future applications

Path To standardization

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People should know SHUTTLE

- WHAT ARE THE GOOD WAYS TO **PROMOTE THE TOOLKIT** TO ENSURE ITS **FUTURE ADOPTION BY END-USERS ORGANISATIONS** AT LARGE?
  IDEAS FOR FUTURE WORKSHOPS
  SYNERGIES WITH SOCIAL NETWORKS

- WHO IN THE **END-USERS ORGANISATIONS** SHOULD WE **CONNECT** TO IN ORDER TO RAISE AWARENESS ABOUT THE TOOLKIT?
  PROCUREMENT, TECHNICAL DEPARTMENT, ETC.
- WHO IN END-USERS ORGANISATIONS WILL MAKE THE **FINAL DECISION**?
- HOW TO **CONVEY RELEVANT ELEMENTS TO DECISION MAKERS**?
  DEMO, TRADE-OFF, QUANTIFIED DATA, ETC.

The working method should be validated

We want to carry out tests to know how the method works and where the limits are.

Validation is required before my lab can use the method in case work.

Validation is required for the ISO17025 accreditation of my lab as no standard is followed.

- WHAT ARE THE **REQUIREMENTS**? WHAT KIND OF **TESTS** ARE NECESSARY?
- IS **LOCAL VALIDATION** BY EACH LABORATORY REQUIRED?
- OR COULD PEOPLE PARTICIPATE IN A **CENTRALISED** VALIDATION, I.E. NOT EVERY LAB HAS TO CARRY OUT A FULL SET OF TESTS?
- ANY OTHER BUSINESS REGARDING '**TRUST THE METHOD**' BEFORE USE IN CASEWORK?
- **WE AS SHUTTLE END-USERS WILL CONDUCT VALIDATION ACTIVITIES IN OUR LABORATORIES IN PCP PHASE 3 TO CHECK HOW THE MACHINE DELIVERED FITS OUR NEEDS IN EVERYDAY ACTIVITIES.**

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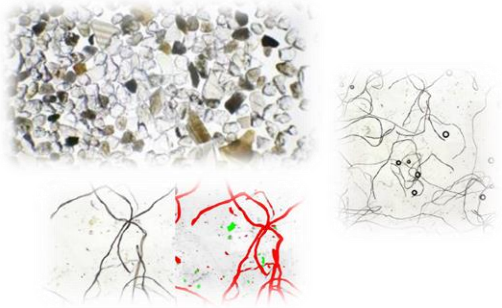
In addition to casework SHUTTLE could also play an important role in R&D studies...



…but studies which would help us to gather the required knowledge...

…that means studies not directly related to a specific case...

…for instance to interpret the results that we obtain in casework by providing background information.

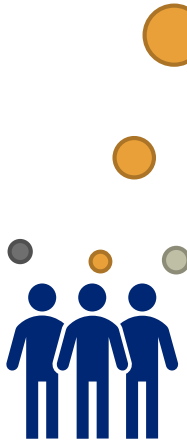
- COULD SHUTTLE FORM A TOOL IN INVESTIGATING THE **BACKGROUND PRESENCE** OF SEVERAL TRACES?
- WHAT KIND OF **STUDIES** WOULD BE USEFUL? **SHEDDING** STUDIES?

Method should be implemented in the lab…

… but many things can block the implementation …

…we need to identify them!

And find ways to mitigate!



- Machine price
- Validation
- Quality systems
- Procurement of disposables
- Software's ease of use
- Needs for collaboration of groups which are not used to it
- Lab personnel cannot choose tapes

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HOW TO IMPLEMENT A SHARED DATABASE?

SHUTTLE

LOT OF OBJECTIVE DATA PRODUCED BY SHUTTLE THAT IS USEFUL TO STORE

USEFUL DATABASE

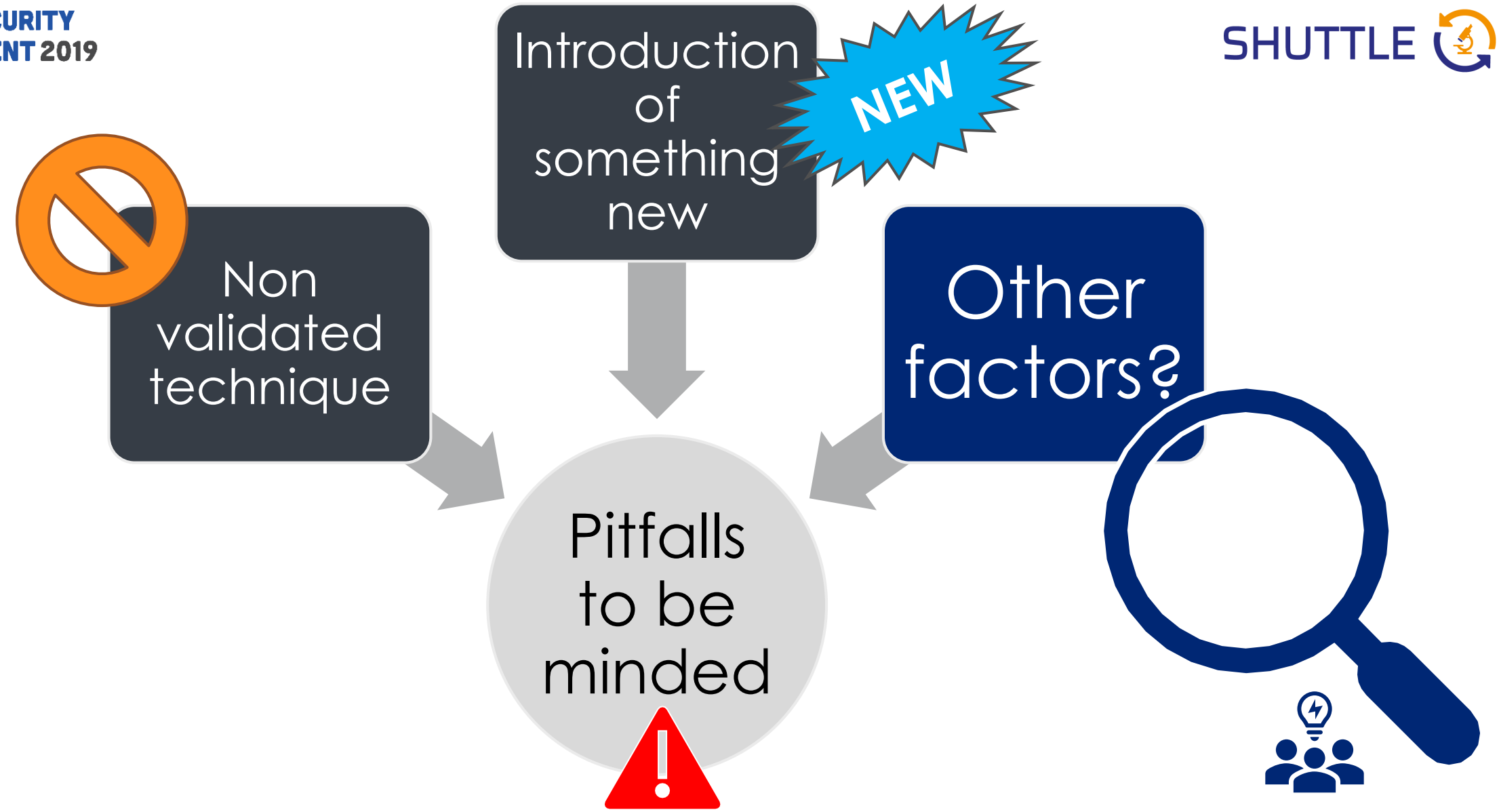
ON WHICH DIFFERENT END-USERS IN SEVERAL COUNTRIES WORK TOGETHER

GREAT HELP IN IDENTIFICATION AND COMPARISON

This must be a very special distribution.

This must be a very special trace.

Have I seen something like this before?


Introduction of something new
NEW
Non validated technique
Other factors?
Pitfalls to be minded

FUTURE APPLICATIONS

SHUTTLE will be the first system where automatic microscopic images and image processing are combined.

⇒ Possibility to extend the image processing after SHUTTLE.

For which application?

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HOW DO YOU IMAGINE THE COLLABORATION/INTERACTION WITH THE SUPPLIERS?

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PATH TO STANDARDIZATION

SHUTTLE

Which modules / parts / sub-parts of the SHUTTLE toolkit can we standardise? Only tests?

or

?

⇒ To which standards can we contribute?

⇒ Which standardisation bodies should we contact?

⇒ Should we collect the views of a large number of end-users?

⇒ What are the different steps?

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Thank you for your attention