

Dosage review and adjustment of selected veterinary antibiotics (ADRA project)

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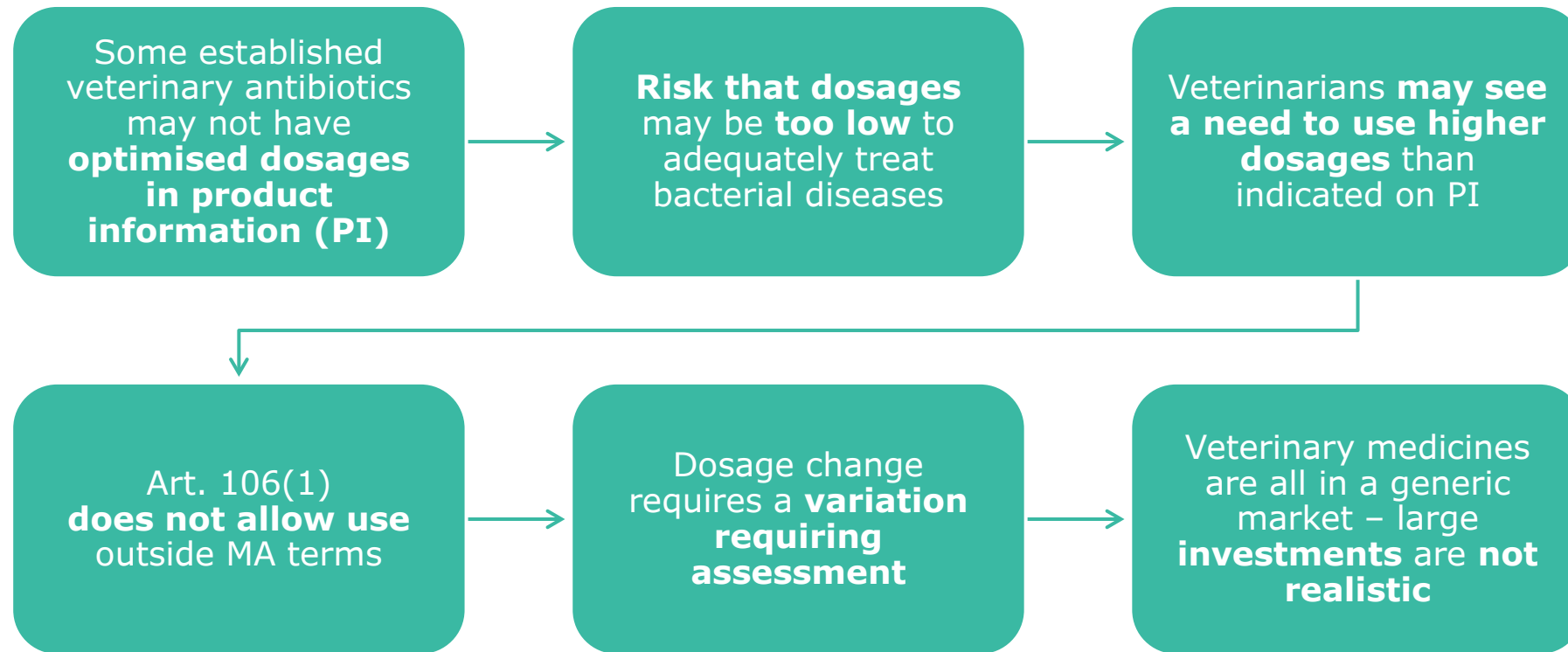
Chair of EMA's Committee for Veterinary Medicinal Products (CVMP)



Table of contents

- Background
- CVMP reflection paper
 - [Proposed methodology](#)
 - [Recommendations](#)
- ADRA project
 - [Goals](#)
 - [Preparation phase](#)
 - [Assessment under Article 141\(1\)\(i\)](#)
 - [Identification of limitations](#)
 - [Stakeholders' interaction](#)
 - [Phasing of activities](#)
- Q&A

Background



CVMP Reflection paper: What can *WE* do to refine dosages in the PI?

CVMP reflection paper – proposed methodology



PK/PD modelling to
establish a refined **dose**



PK modelling for
adjustment of
withdrawal periods



Stepwise data review
approach to address:
target animal safety,
environmental risk
assessment, treatment
duration


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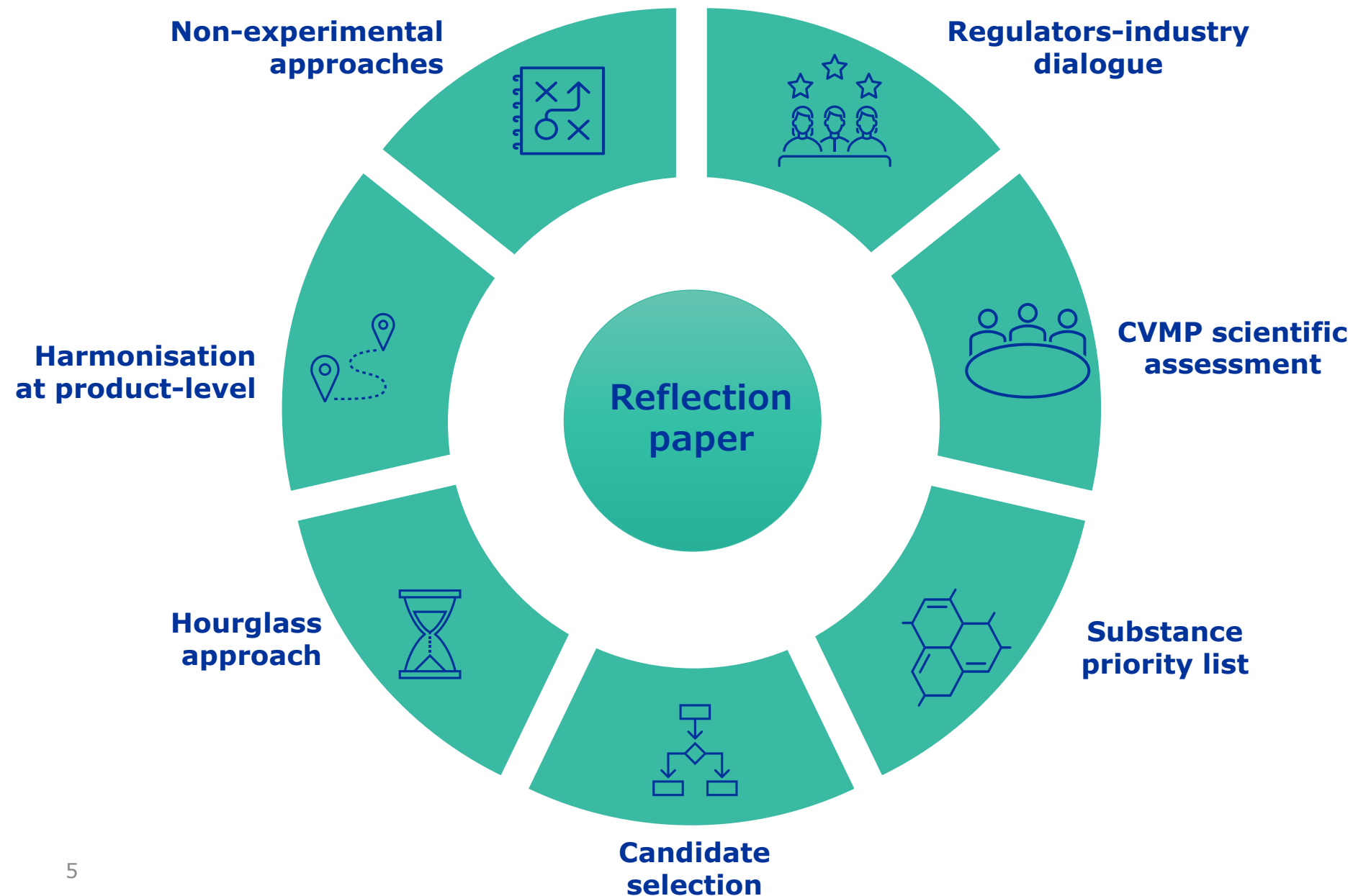
12 January 2021
EMA/CVMP/849775/2017
Committee for Medicinal Products for Veterinary Use (CVMP)

Reflection paper on dose review and adjustment of
established veterinary antibiotics in the context of SPC
harmonisation

Adopted by CVMP for release for consultation	19 July 2018
Start of public consultation	27 July 2018
End of consultation (deadline for comments)	31 January 2019
Adopted by CVMP	10 December 2020

Keywords	antimicrobial resistance (AMR), summary of product characteristics (SPC), Dose review and adjustment, pharmacokinetic/pharmacodynamic (PK/PD) modelling, target animal safety (TAS), withdrawal periods (WP) and the environmental risk assessment (ERA)
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CVMP reflection paper on dose review and adjustment of established veterinary antibiotics in the context of SPC harmonisation: Recommendations

Slido: #ADRAproject

ADRA project



Project goals

Preparation phase

Assessment under Art. 141(1)(i)

Project limitations

Stakeholders' interaction

Phasing of activities

Project goals



Minimise occurrence of resistance, safeguarding availability of first-line treatment veterinary antibiotics in EU, **ensuring efficacy and safety** when used according to the product information (PI)



Refined dosages in PI of VMPs will further ensure **prudent use of antibiotics** in veterinary medicines.



Review should **not lead to loss of VMPs or indications**

Preparation phase



ADRA working group formed
by CVMP/CMDv/WP members
(2024)



Questionnaire sent to national
competent authorities and
industry stakeholders
(2024)

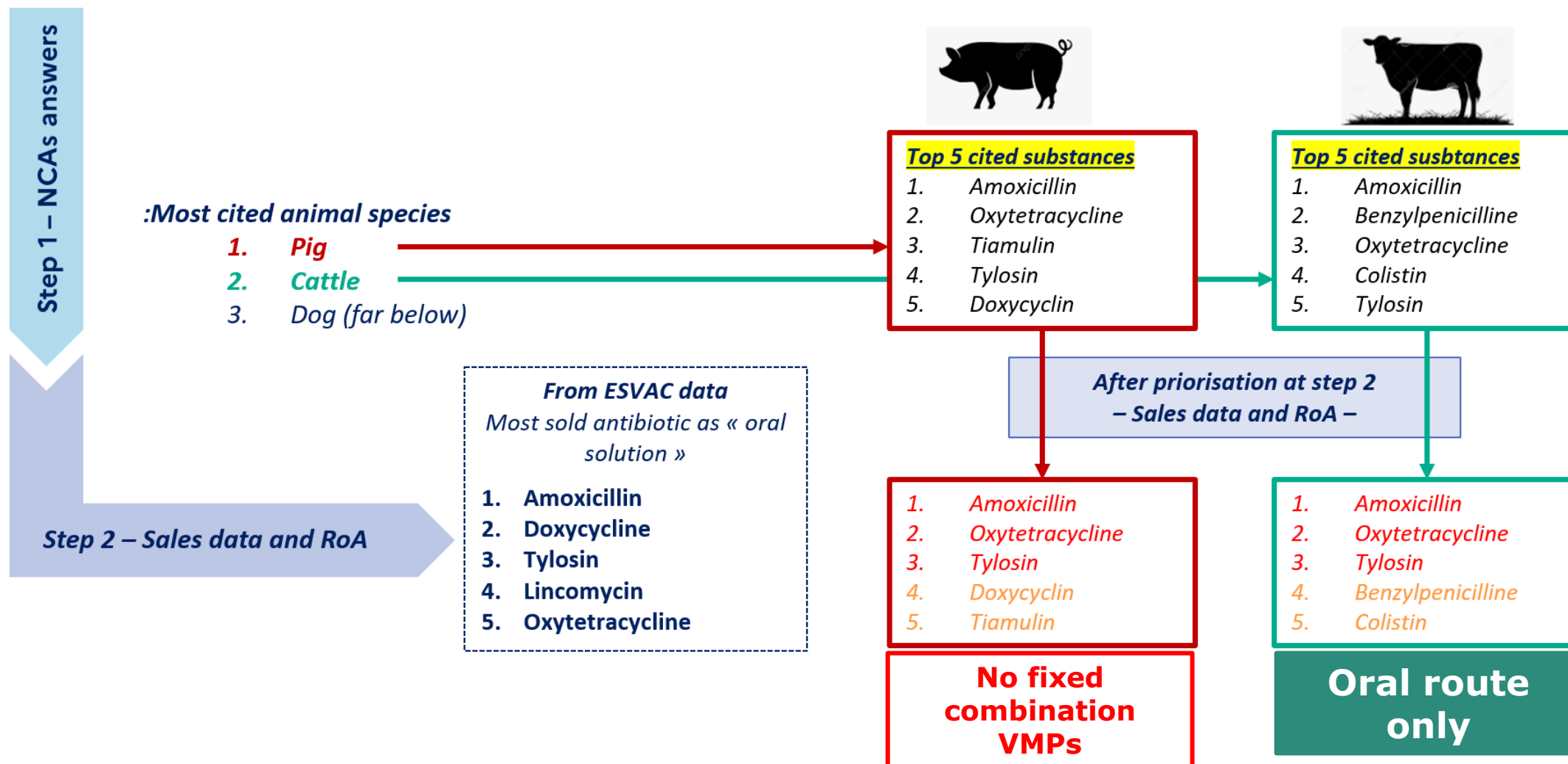


Priority list of antimicrobial
candidate substances adopted
(February 2025)

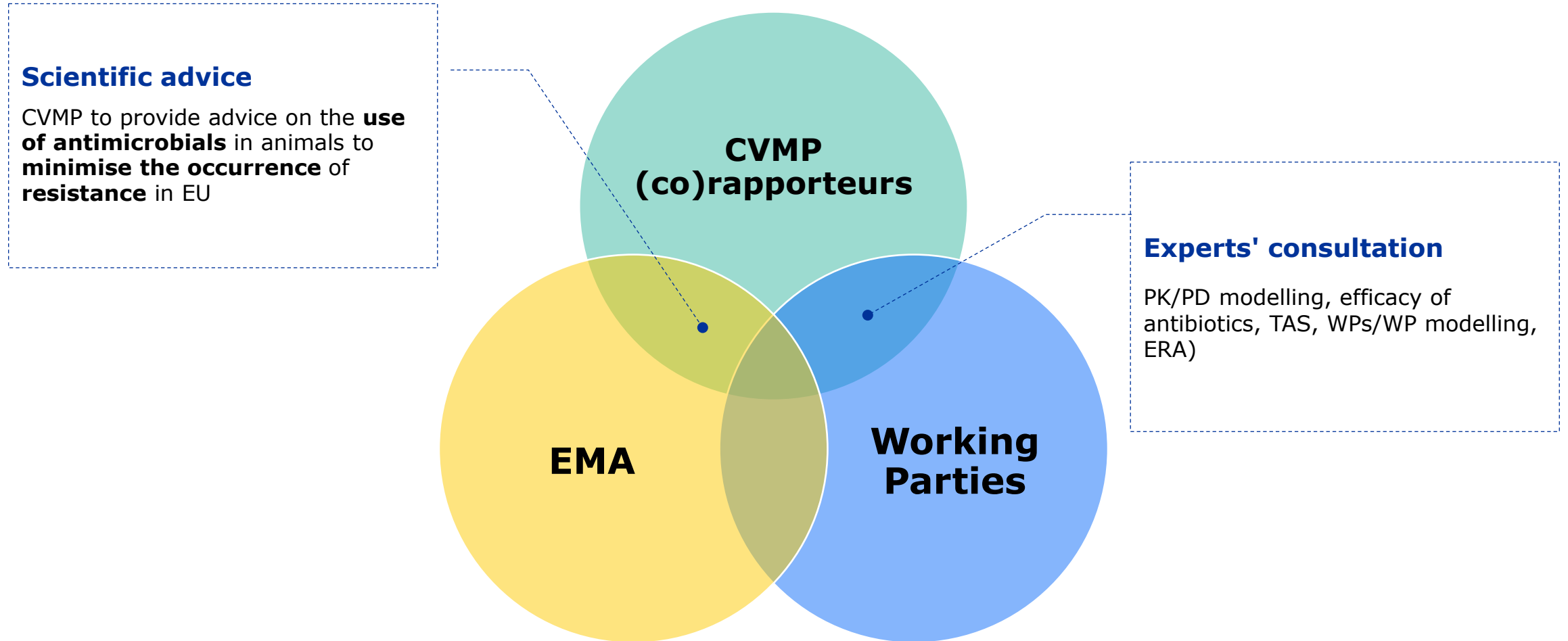


Industry info session
(22 May 2025)

Priority list of antimicrobial candidate substances



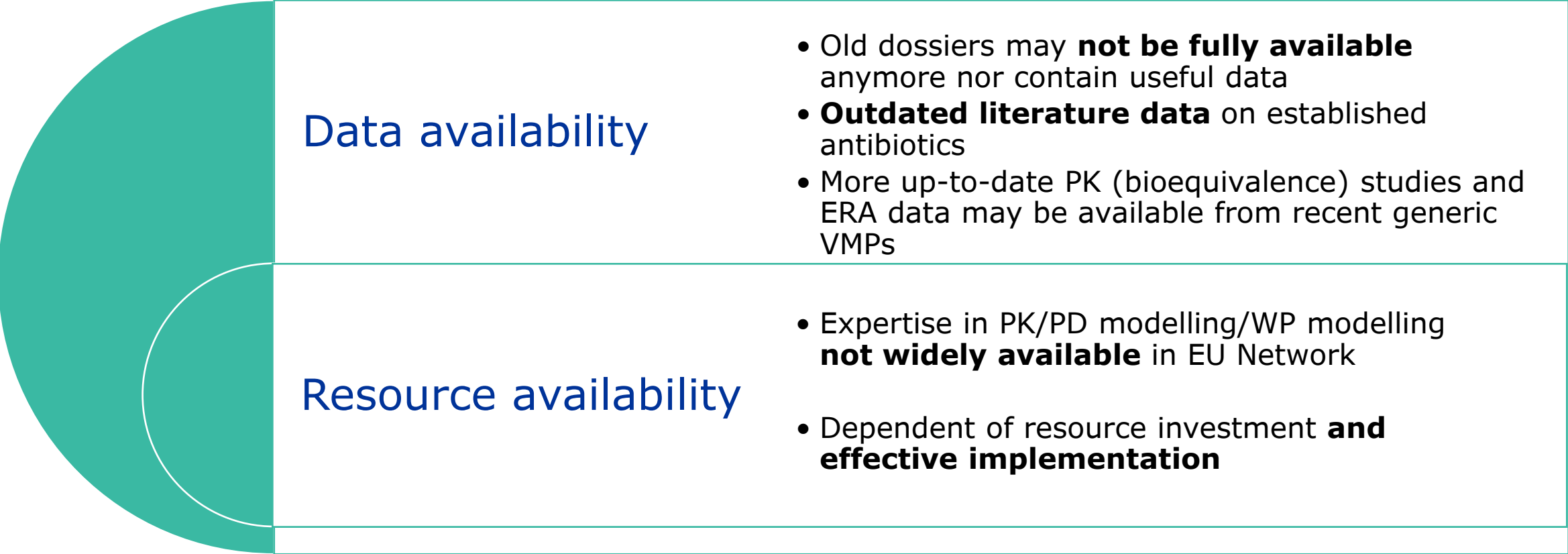
Assessment under Art. 141(1)(i)



Assessment under Art. 141(1)(i)



Project limitations



Data availability

- Old dossiers may **not be fully available** anymore nor contain useful data
- **Outdated literature data** on established antibiotics
- More up-to-date PK (bioequivalence) studies and ERA data may be available from recent generic VMPs

Resource availability

- Expertise in PK/PD modelling/WP modelling **not widely available** in EU Network
- Dependent of resource investment **and effective implementation**

Assessment approach must be flexible and focus on the possibilities with the (limited) data and resources available

Stakeholders' interaction



Stakeholder interaction

is essential, both during the preparation phase and development of each CVMP scientific advice



Useful data from all MAHs

including results of modelling, and proposals for dosages or withdrawal periods



Focus group meeting

with concerned MAHs to anticipate and solve concerns



Consultation with concerned MAHs

to provide existing data for assessment and respond to CVMP questions

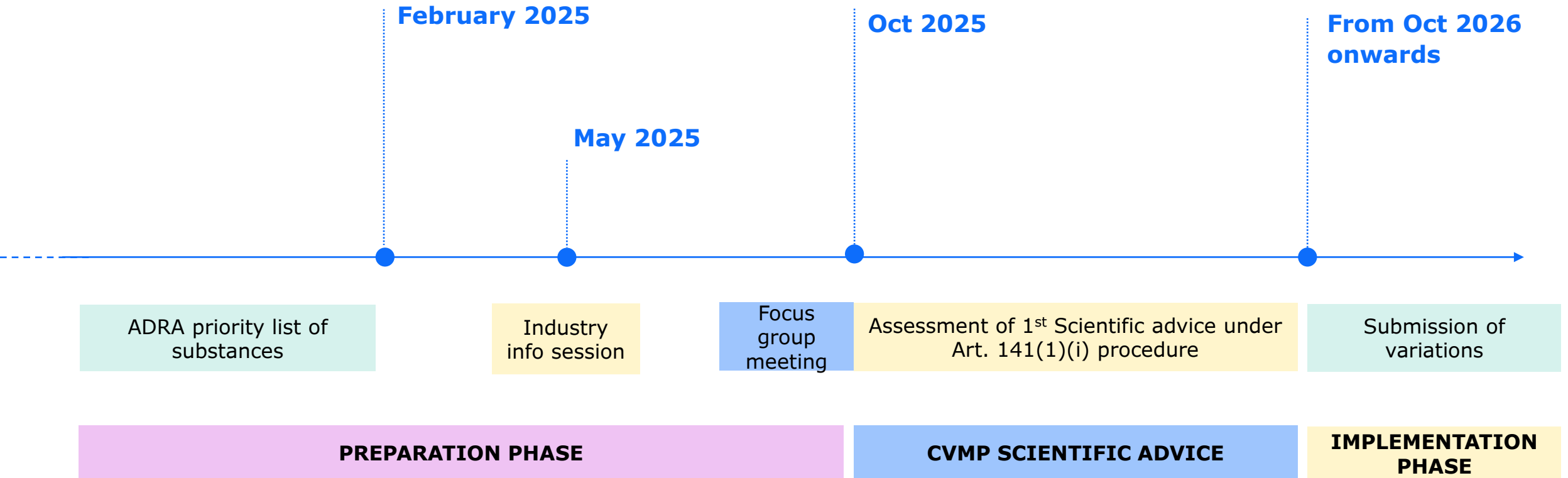


Open consultation

on draft scientific advice to allow academia to provide relevant data for scientific assessment

The involvement of the pharmaceutical industry is crucial

Phasing of activities



Thank you for your attention