Charting a New Era: Journey Towards an Animal Testing-Free Future





REACHing for Improvement: Limitations and Challenges

education complex endpoints Cost-effectiveness Compliance Check, Substance Evaluation

acceptance of new metods current acceptable risk and uncertainty

Harmonization Future-proof wording

transparency

reliability

reproducibility validation data sharing implementation Stakeholder involvement mechanistic understanding

Monitoring progress last resort requirement

hazard classes and classification

Generic risk assessment limitations Testing strategies standardization data gaps

ning data gap

feasibility

funding consistency

REACHing a Crossroads: Animal Testing Implications of Proposed Changes from the Chemicals Strategy for Sustainability



Proposed road ahead

- High throughput
- Protective for humans and the environment
- Accurate
- Ethical

More of the same

- Low throughput
- Animal sufferinging
- Questionable relevance to humans
- Questionable quality of data

CRITICAL NEEDS

- Endocrine disruptors
- Polymers registration
- New immunotoxicity and neurotoxicity hazard classes
- Expanding information requirements to lower tonnage substances



It is possible to meet both CSS promises:

1) foster innovations to move away from animal testing

2) strengthen the protection of human health and the environment

as these are **complementary**, rather than **in opposition**.



Creation of an expert scientific committee



Independent advice and recommendations on reducing animal use



Compliance and dialogue



Review legislation and practices



Remove redundant animal tests

2. - <u>C</u>-

Short-term proposals to future-proof legislative changes



Mandate testing proposals for all vertebrate tests



No new animal testing information requirements



Strengthen REACH (Art. 1, 13, 25)



Implement tiered testing strategies (IATAs)



Harmonized testing methods (OSOA) and improve grouping



Medium/Longterm proposals for future-proof legislative changes



Method-agnostic language in REACH and CLP regulations

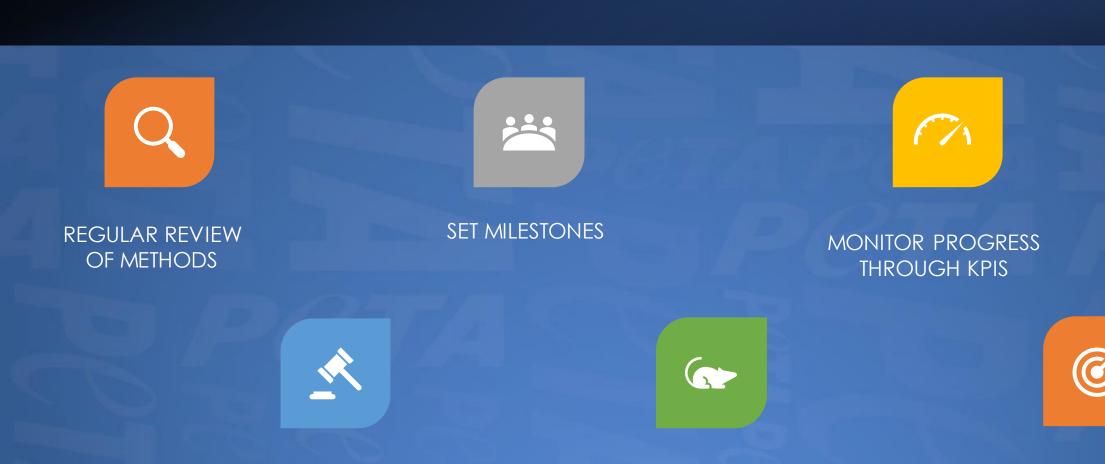


Shift to NGRA



Merge dossier evaluation and substance evaluation, considering necessity of animal testing for safety

Setting Objectives and Monitoring Progress



ENHANCE ECHA
REPORTING ON NON-ANIMAL
METHODS AND COMPLIANCE
WITH LAST RESORT

INCREASE COMMISSION'S
REPORTING ON NON-ANIMAL
METHODS AND REDUCTION
RECOMMENDATIONS

FUNDING OBJECTIVES FOR DEVELOPMENT AND VALIDATION OF REPLACEMENT METHODS

Embracing Change: Answering the Public Call for Animal Testing Transition

- Animal testing phase-out: driven by EU citizens' demands
- Pressure on regulators for effective, protective regulatory system
- Reaching beyond endpoints
- Transition science can help





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