

Pesticide Risk Reduction Programme – Ethiopia

Principles of tiered approach in ERA

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joint collaborative programme on pesticide registration and post-registration



MoA

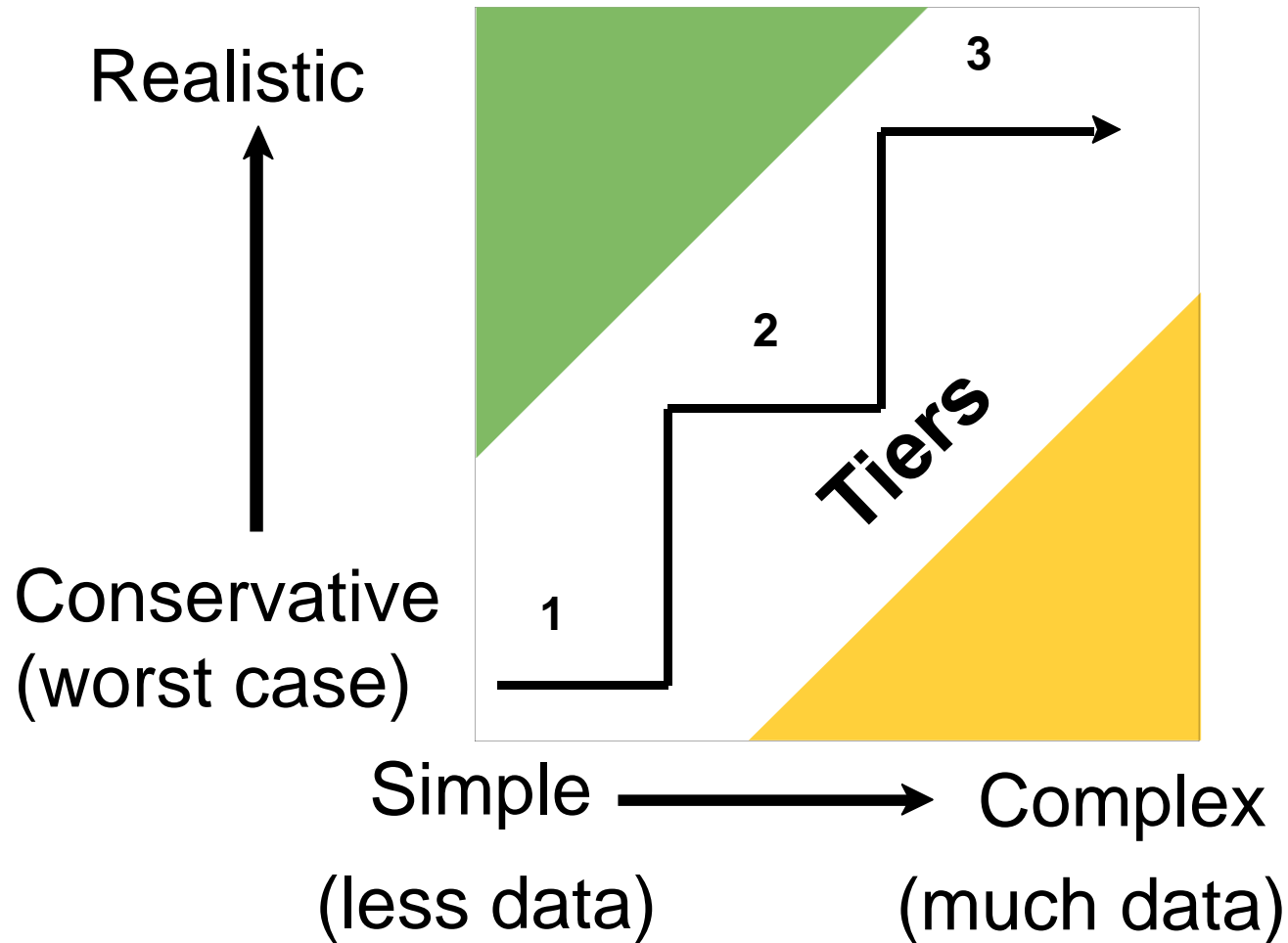


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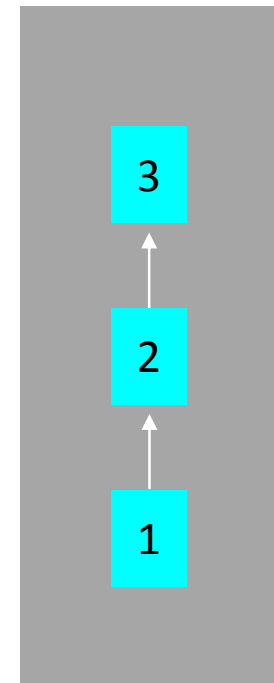
Towards a sustainable use of pesticides in Africa

Tiered approach: Principles



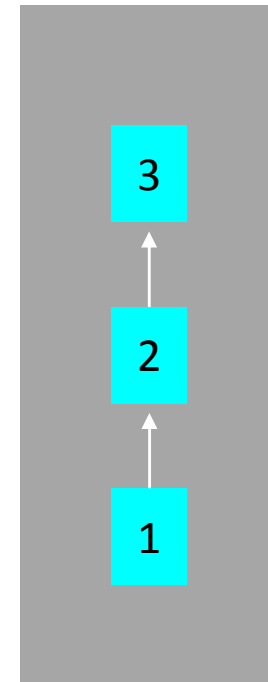
Tiered approach: Principles

- tiered approach because cheapest both for industry and authorities
- concept: do not more than necessary
- same protection goal in all steps
- lower steps more conservative than higher steps
- higher steps more realistic than lower steps



Tiered approach: Principles

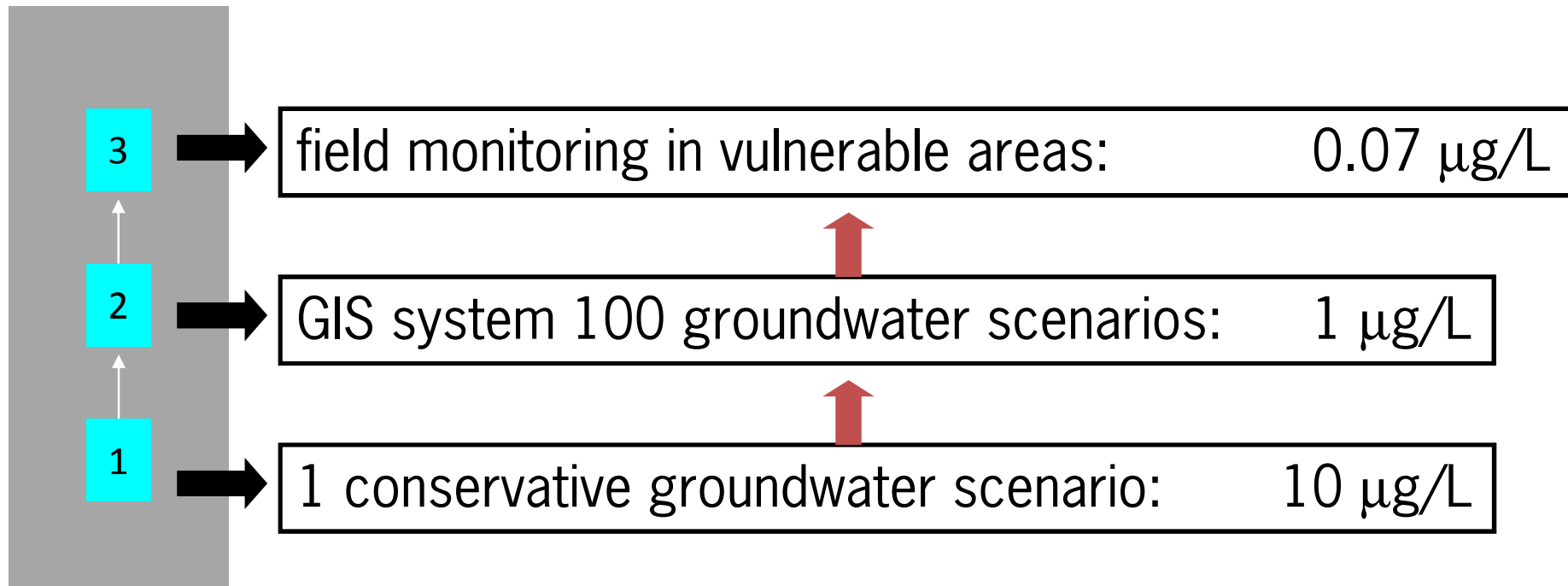
- lower steps require less efforts than higher steps
- jumping to higher steps acceptable
- balance between efforts and filtering capacity
 - industry will not use an expensive step that leads for 95% of pesticides to ‘unacceptable risk’



Tiered approach: Groundwater

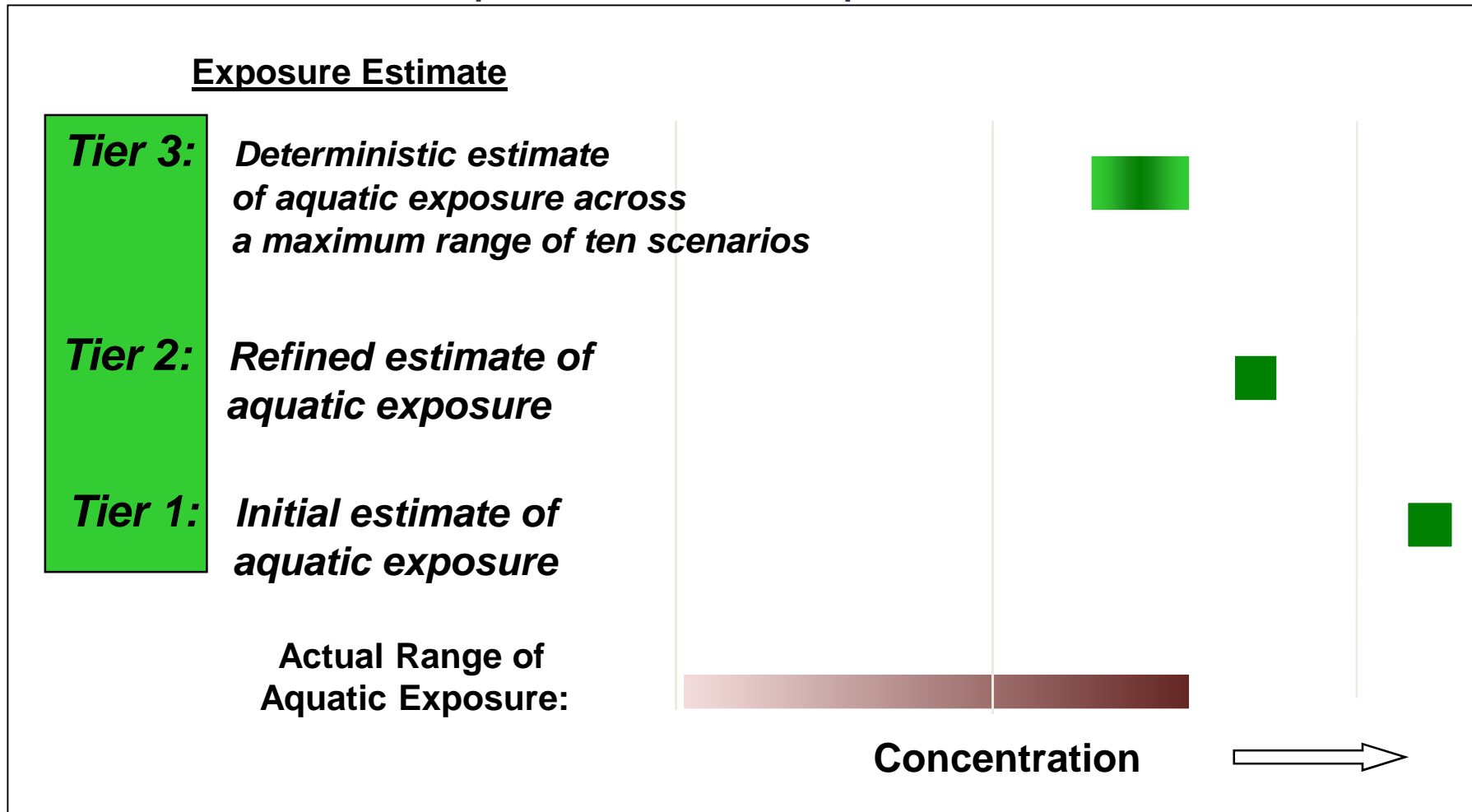
Example of a tiered flow chart: groundwater

Assume: concentration in groundwater of $0.1 \mu\text{g/L}$ is acceptable for this pesticide



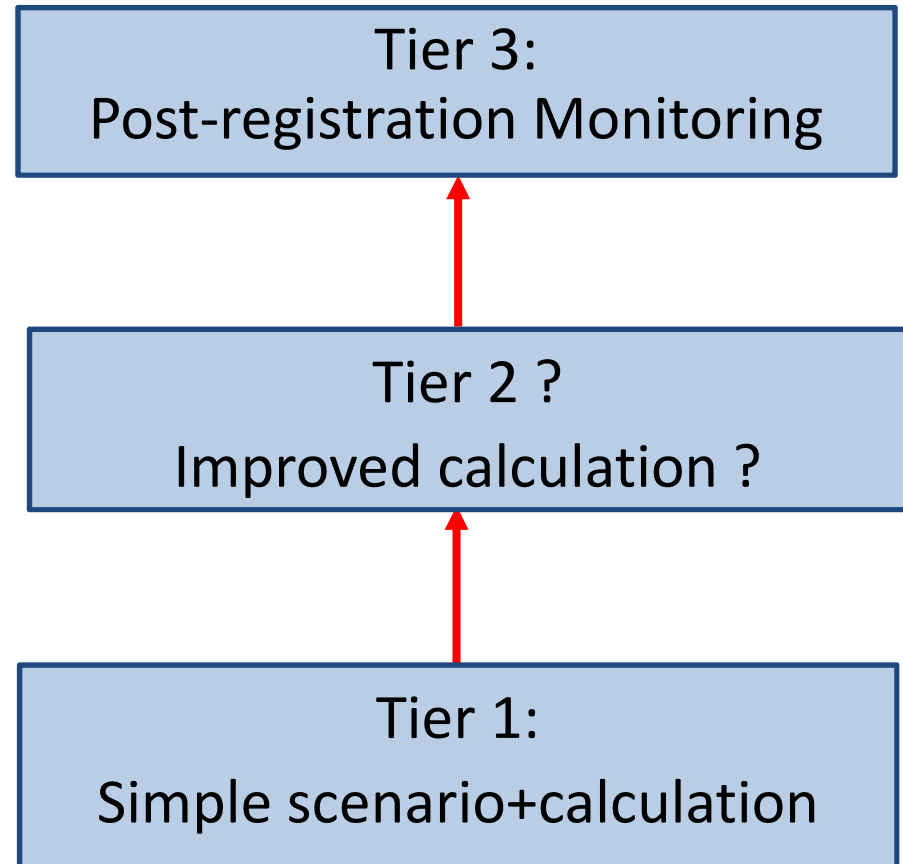
Tiered approach: surface water

Conceptual relationship between tiers



Risk assessment – Proposed approach for WP B2.1

- Where do we aim for ?
- First tier is PRIMET for all protection goals for Ethiopia
- For priority goals (sw+gw): more Ethiopian specific exposure scenario in PRIMET (based upon analysis Ethiopian situation)



Risk assessment – Proposed approach for WP B2.1

Welcome to questions, remarks and discussions !

