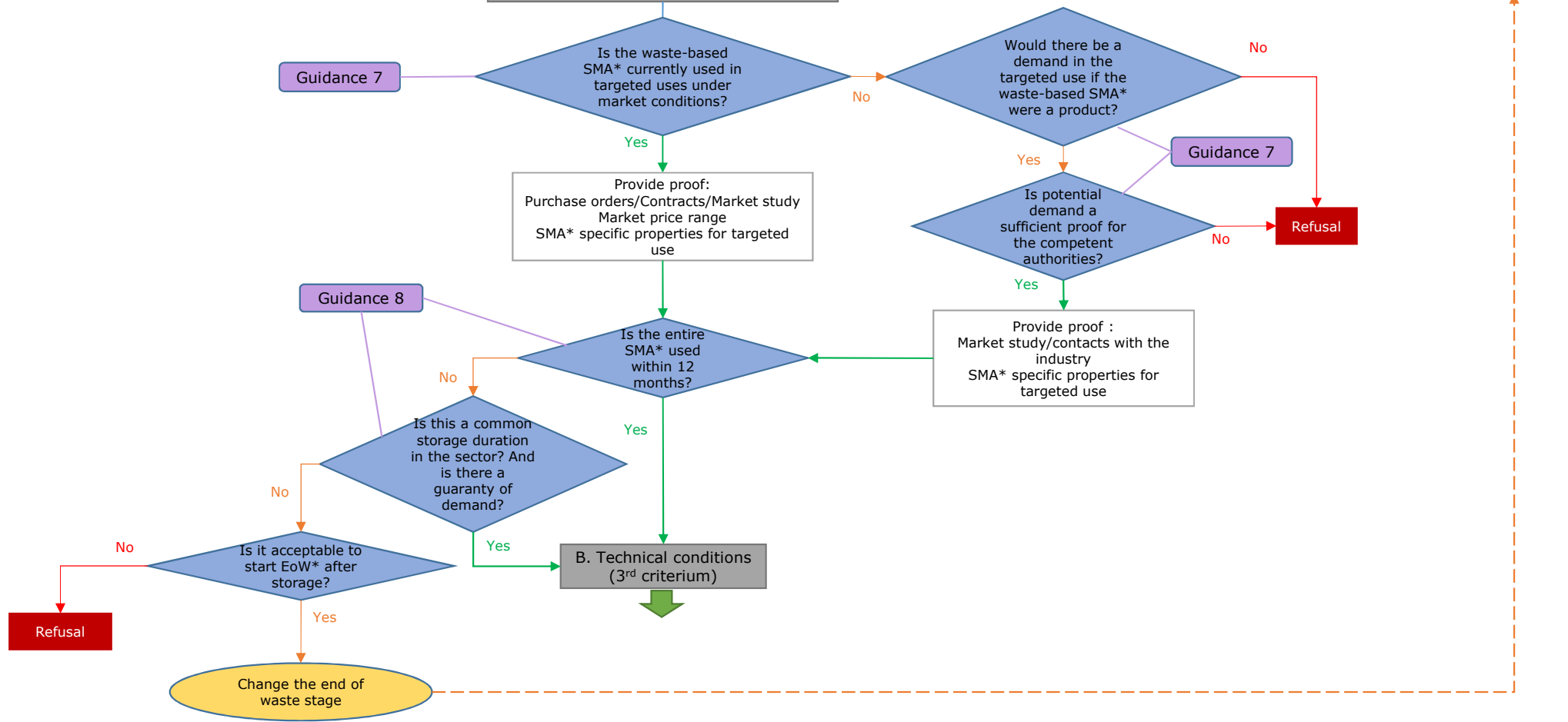


*SMA: Substance, Mixture or Article

*EoW: End of Waste

II. Assessment of the 3 first conditions

A. Market (2 first criteria)



B. Does the SMA respect relevant product legislation and standards?

Guidance 9

Check information about applicable product legislation (taxes, levies, transport legislation, REACH...) and similar waste legislation

REACH requirements

Does the waste-based SMA respect the product legislation applicable to the targeted use(s)?

Guidance 9

Yes

No

Can criteria that would change conditions be found?

No

Refusal

Yes

Guidance 28

Check information about applicable technical standards or commercial specifications

Are there any standard for the targeted application?

No

Yes

Does/Could the SMA* meet a set of technical specifications defined with users? (environmental & human health specifications are precluded at this stage)

No

Refusal

Yes

Does the waste-based SMA meet product standards for targeted applications ?

No

Yes

Can criteria that would ensure meeting product standards be found?

No

Refusal

Yes

Add the existence of a set of technical specifications as a EoW criterion

Are these criteria appropriate for EoW?

No

Refusal

Yes

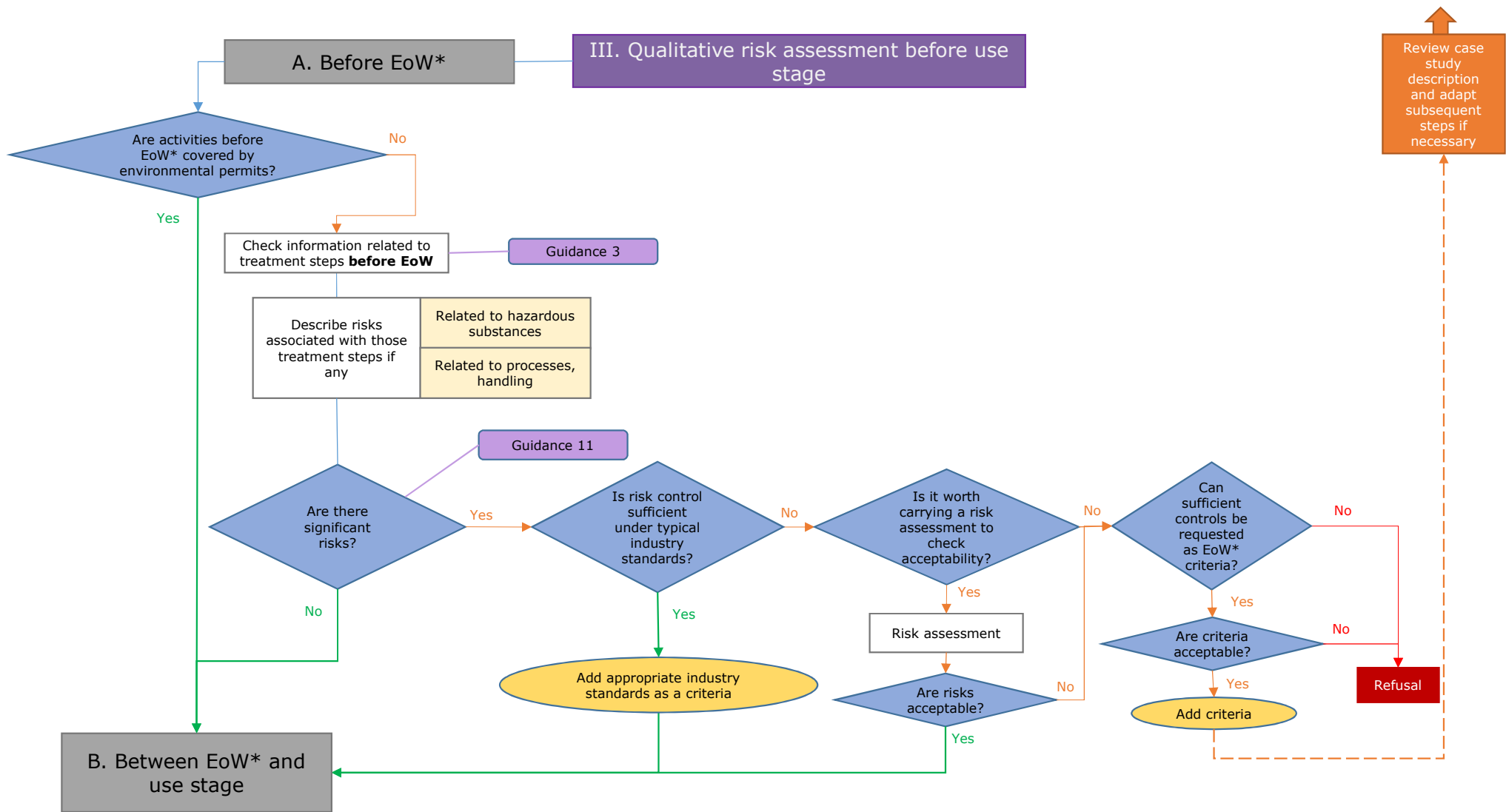
Add criteria

Review case study description and adapt subsequent steps if necessary

Provide appropriate proof
Test results
Customer opinion

III. Qualitative risk assessment before use stage

*EoW: End of Waste
*SMA: Substance, Mixture or Article

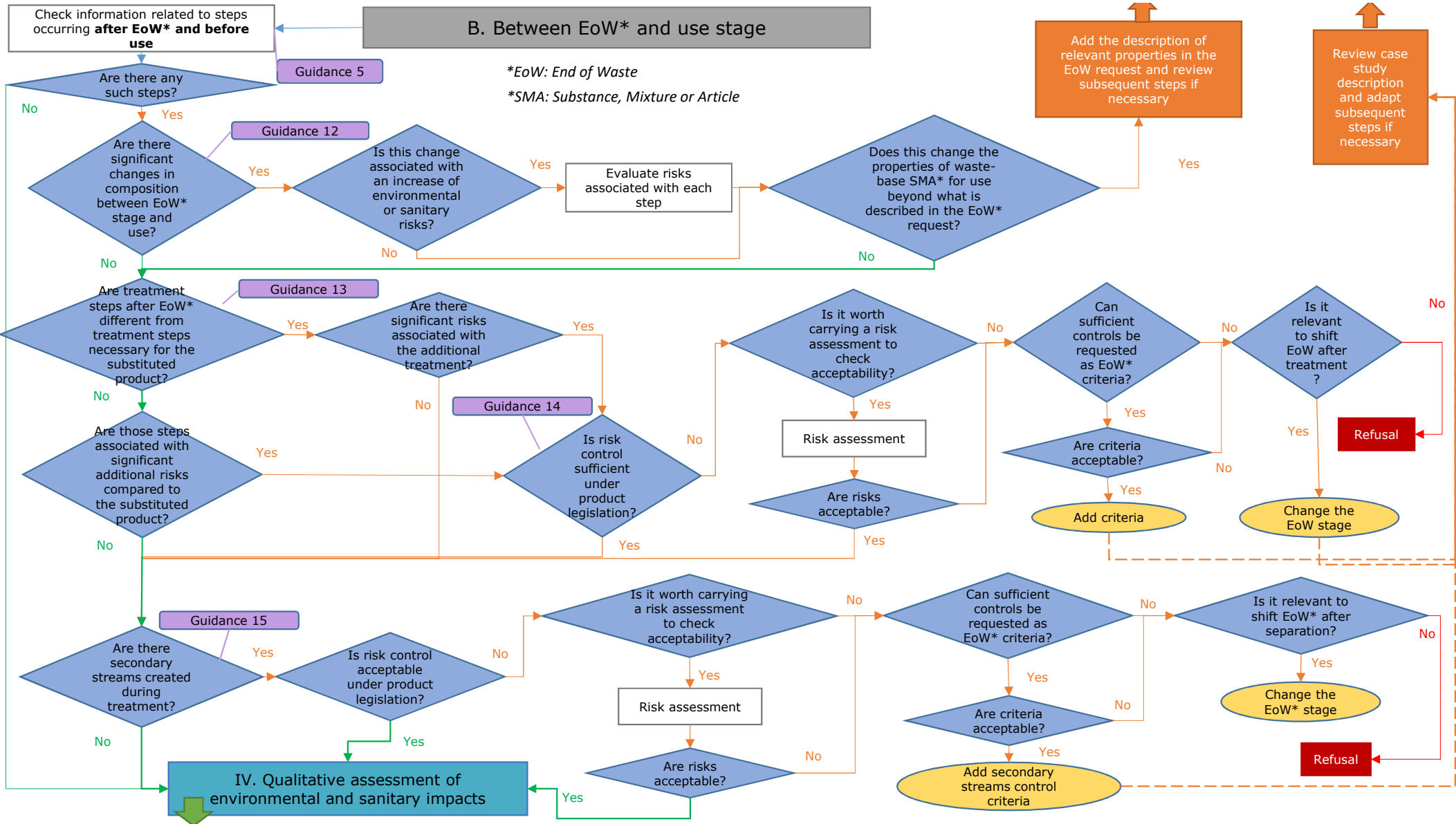


*EoW: End of Waste

B. Between EoW* and use stage

*EoW: End of Waste

*SMA: Substance, Mixture or Article



IV. Qualitative assessment of environmental and sanitary impacts

Positioning environmental and human health effects

A. Positioning local effects

Review case study description and adapt subsequent steps if necessary

Characterize substances that can be emitted during use and end of life

Guidance 3

Are there hazardous substances (for human health or the environment)?

Guidance 16

Yes

No

Describe the risks qualitatively	
Hazardous substances	
For the environment?	For human health?
Vulnerable environment?	Direct exposure?

Guidance 18

Repeat for each combination substance/issue (environment or HH) separately

Is a (systematically) higher level of risk already accepted in product legislation?

Guidance 17

Yes

No/ can be over the threshold

Yes

Are hazardous substances sufficiently characterized?

Guidance 20

Are hazards sufficiently known?

Yes

B. Positioning global effects

Conclusion:
No adverse local effects
No risk assessment needed

Is there a relevant product legislation suitable for risk comparison?

Guidance 19

Repeat for each combination substance/issue (environment or HH) separately

Can criteria lower the risk (process revision, quality controls...)?

Are criteria acceptable?

Refusal or quantitative risk assessment

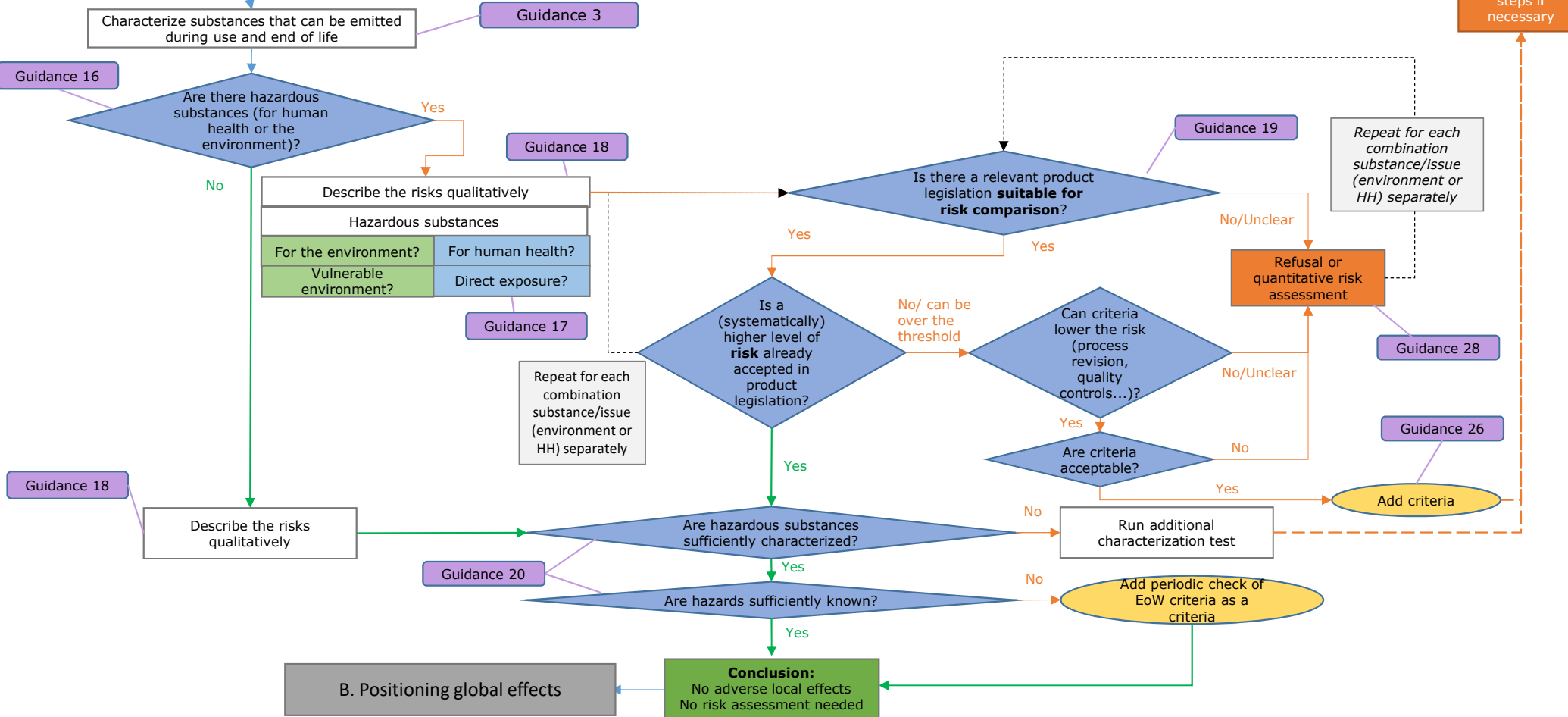
Guidance 28

Guidance 26

Add criteria

Run additional characterization test

Add periodic check of EoW criteria as a criteria



*EoW: End of Waste
*LCA: Life Cycle Assessment

IV. Qualitative assessment of environmental and sanitary impacts

Positioning environmental and human health effects

B. Positioning global effects

Describe the influence of EoW* on the market

Guidance 21

Characterize the type of market shift(s) occurring as a consequence of EoW* uptake

Guidance 22

Is there one/several shift?

Yes

No

Is the shift in the direction of the waste hierarchy (or neutral)?

Yes

No/Unclear

Are there specific legislative or economic instruments encouraging the shift(s)?

No

Yes

Guidance 23

Is the scope of the instruments relevant?

No

Yes

Guidance 24

Are there existing LCA* studies?

No

Yes

Is the scope and quality of the study(ies) relevant?

No

Yes

Are results in favor of the shift(s)?

No

Yes

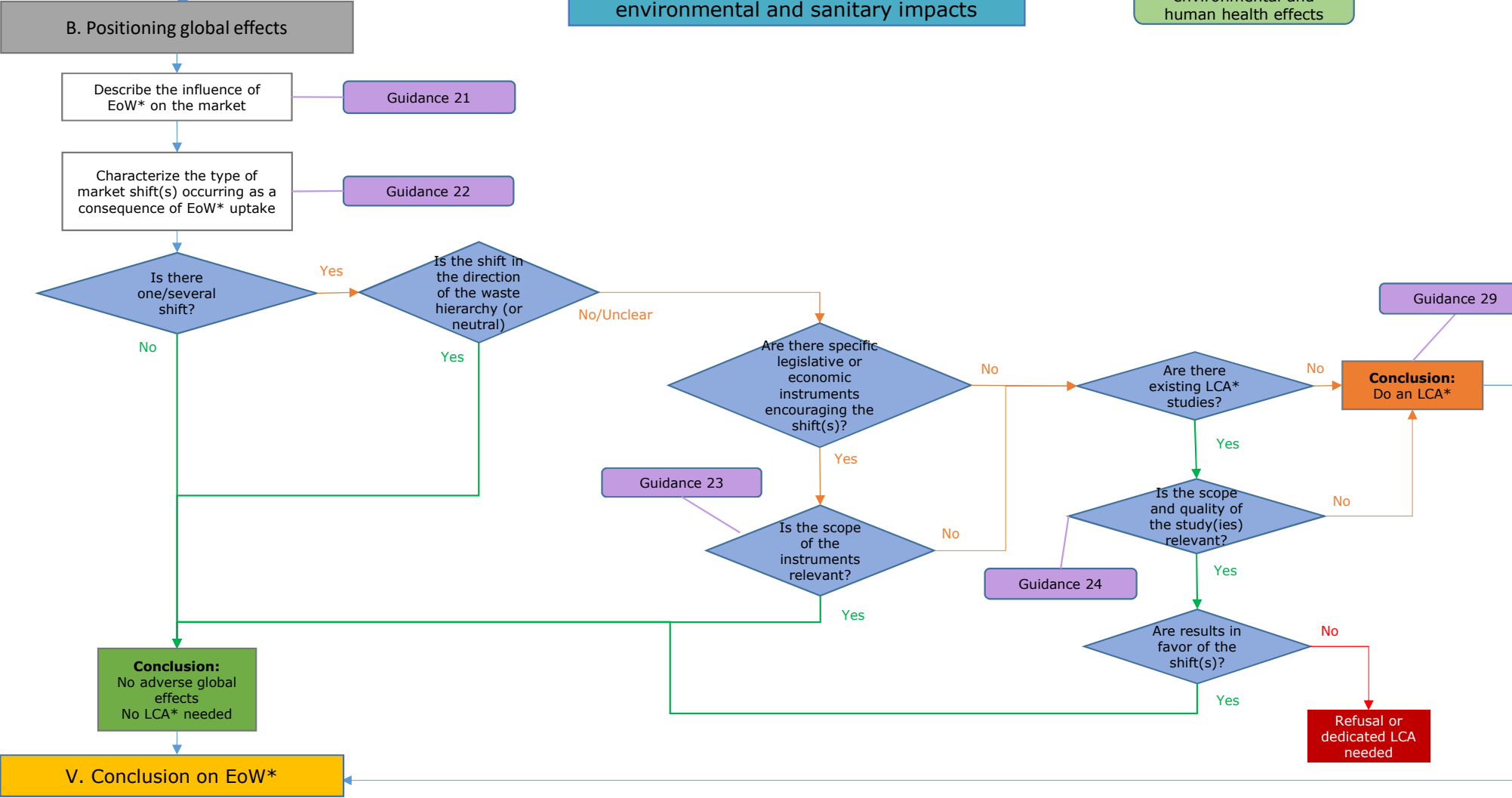
Guidance 29

Conclusion:
Do an LCA*

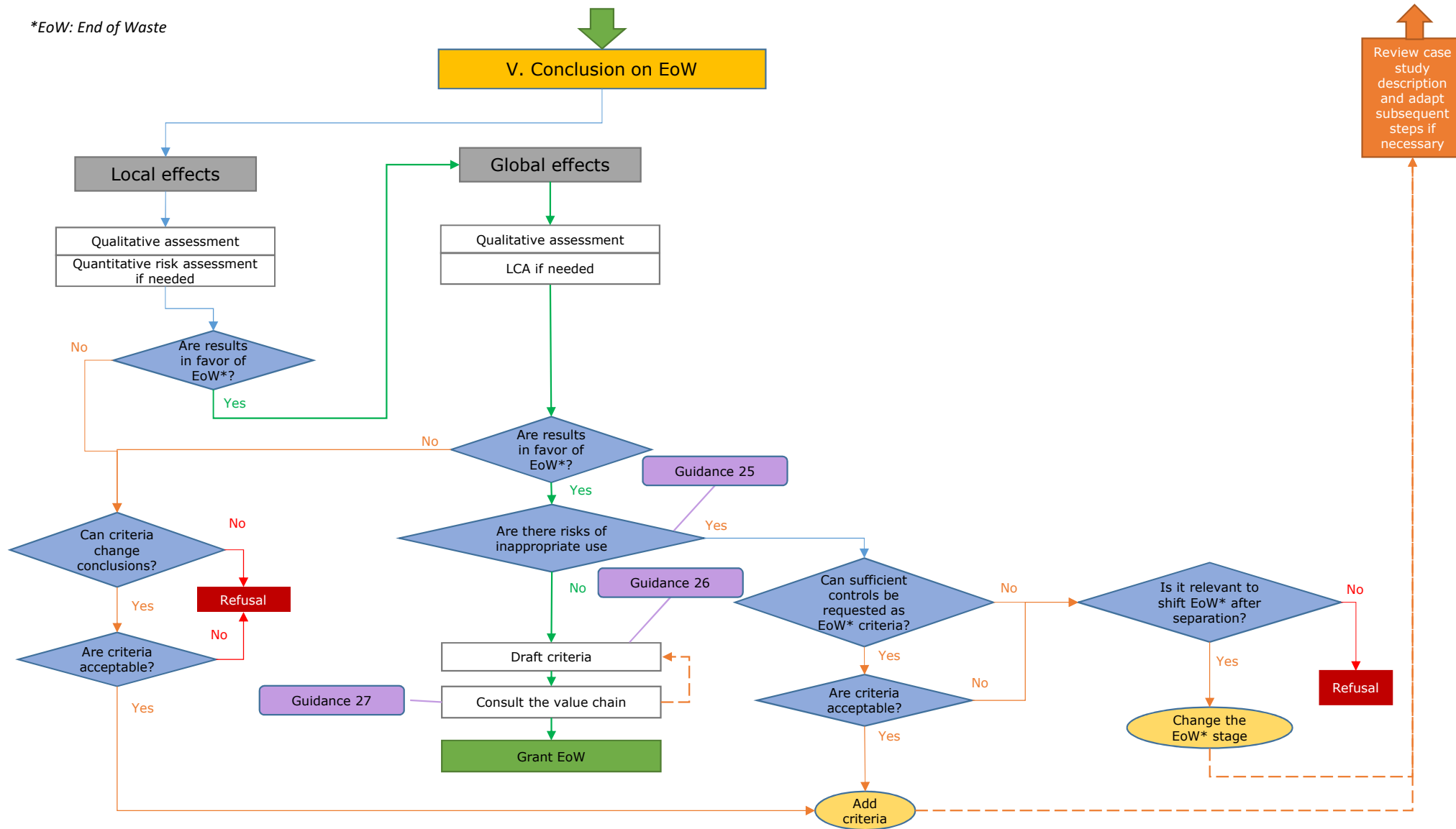
Refusal or dedicated LCA needed

Conclusion:
No adverse global effects
No LCA* needed

V. Conclusion on EoW*



*EoW: End of Waste



LEGEND FOR CASE STUDIES

