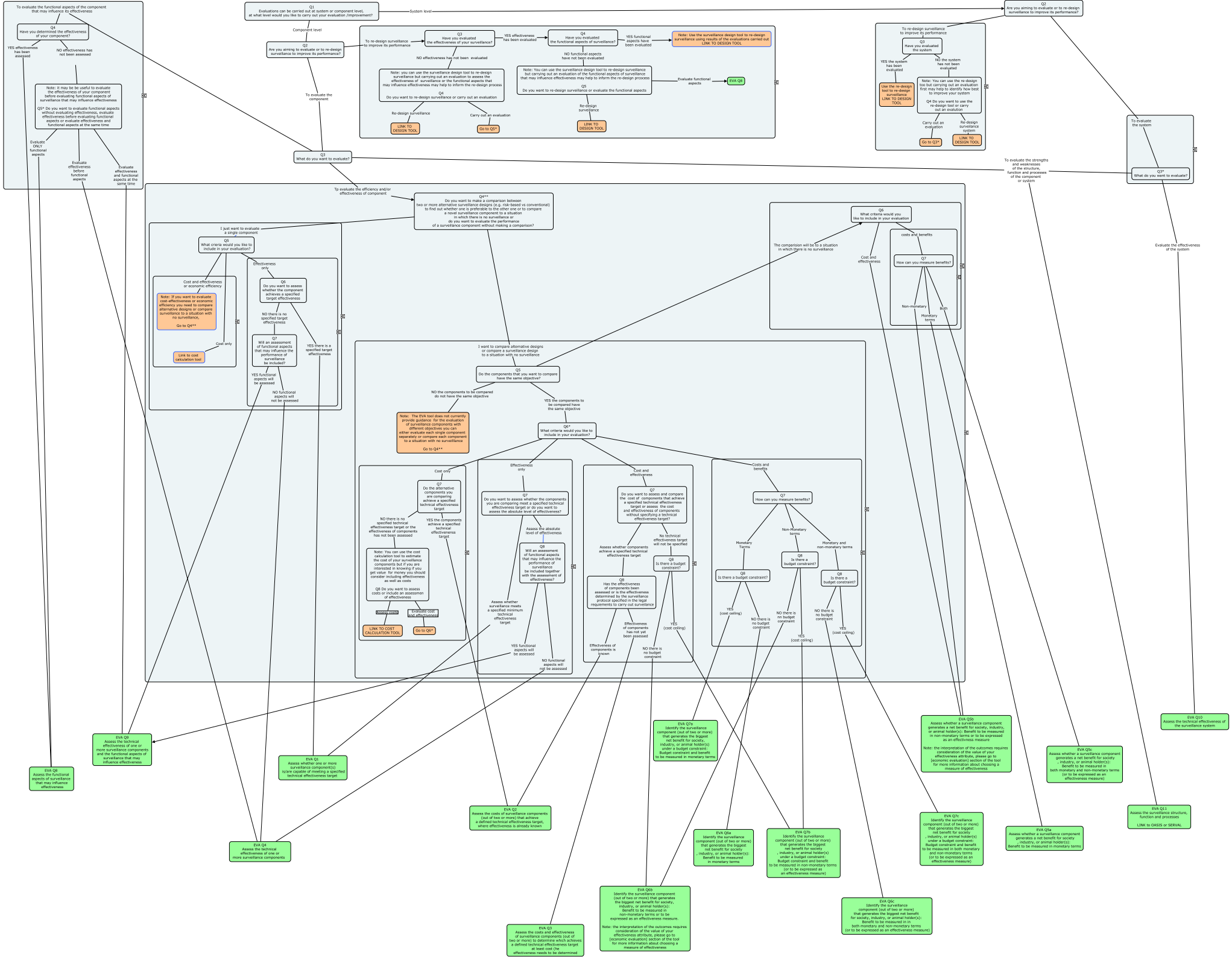
Q1
Evaluations can be carried out at system or component level,
at what level would you like to carry out your evaluation /improvement?
System level
Component level
Q2
Are you aiming to evaluate or to re-design
surveillance to improve its performance?
To evaluate the component
To evaluate the functional aspects of the component
that may influence its effectiveness
Q4
Have you determined the effectiveness
of your component?
YES effectiveness
has been
assessed
NO effectiveness has
not been assessed
Note: it may be useful to evaluate
the effectiveness of your component
before evaluating functional aspects of
surveillance that may influence effectiveness
Q5* Do you want to evaluate functional aspects
without evaluating effectiveness, evaluate
effectiveness before evaluating functional
aspects or evaluate effectiveness and
functional aspects at the same time
Evaluate
ONLY
functional
aspects
Evaluate
effectiveness
before
functional
aspects
Evaluate
effectiveness
and functional
aspects at
the same time
To re-design surveillance
to improve its performance
Q3
Have you evaluated
the effectiveness of your surveillance?
YES effectiveness
has been evaluated
Q4
Have you evaluated
the functional aspects of surveillance?
YES functional
aspects have
been evaluated
Note: Use the surveillance design tool to re-design
surveillance using results of the evaluations carried out
LINK TO DESIGN TOOL
NO effectiveness has not been evaluated
Note: you can use the surveillance design tool to re-design
surveillance but carrying out an evaluation to assess the
effectiveness of surveillance or the functional aspects that
may influence effectiveness may help to inform the re-design process
Q4
Do you want to re-design surveillance or carry out an evaluation
Re-design surveillance
LINK TO
DESIGN TOOL
Carry out an evaluation
Go to Q5*
NO functional aspects
have not been evaluated
Note: You can use the surveillance design tool to re-design surveillance
but carrying out an evaluation of the functional aspects of surveillance
that may influence effectiveness may help to inform the re-design proceess
Q5
Do you want to re-design surveillance or evaluate the functional aspects
Evaluate functional
aspects
EVA Q8
Re-design
surveillance
LINK TO
DESIGN TOOL
Q3
What do you want to evaluate?
Q2
Are you aiming to evaluate or to re-design
surveillance to improve its performance?
To re-design surveillance
to improve its performance
Q3
Have you evaluated
the system
YES the system
has been
evaluated
NO the system
has not been
evaluated
Use the re-design
tool to re-design
surveillance
LINK TO DESIGN
TOOL
Note: You can use the re-design
too but carrying out an evaluation
first may help to identify how best
to improve your system
Q4 Do you want to use the
re-design tool or carry
out an evaluation
Carry out an
evaluation
Go to Q3*
Re-design
surveillance
system
LINK TO
DESIGN TOOL
To evaluate the
system
Q3*
What do you want to evaluate?
To evaluate the strengths
and weaknesses
of the structure,
function and processes
of the component
or system
Evaluate the effectiveness
of the system
Tp evaluate the efficiency and/or
effectiveness of component
Q4**
Do you want to make a comparison between
two or more alternative surveillance designs (e.g. risk-based vs conventional)
to find out whether one is preferable to the other one or to compare
a novel surveillance component to a situation
in which there is no surveillance or
do you want to evaluate the performance
of a surveillance component without making a comparison?
I just want to evaluate
a single component
Q5
What criteria would you like to
include in your evaluation?
Cost and effectiveness
or economic efficiency
Note: If you want to evaluate
cost-effectiveness or economic
efficiency you need to compare
alternative designs or compare
surveillance to a situation with
no surveillance,
Go to Q4**
Cost only
Link to cost
calculation tool
Effectiveness
only
Q6
Do you want to assess
whether the component
achieves a specified
target effectiveness
NO there is no
specified target
effectiveness
YES there is a
specified target
effectiveness
Q7
Will an assessment
of functional aspects
that may influence the
performance of
surveillance
be included?
YES functional
aspects will
be assessed
NO functional
aspects will
not be assessed
Q6
What criteria would you like to
include in your evaluation?
The comparision will be to a situation
in which there is no surveillance
Cost and
effectiveness
costs and benefits
Q7
How can you measure benefits?
Non-monetary
Monetary
terms
Both
I want to compare alternative designs
or compare a surveillance design
to a situation with no surveillance
Q5
Do the components that you want to compare
have the same objective?
NO the components to be compared
do not have the same objective
YES the components to
be compared have
the same objective
Note: The EVA tool does not currently
provide guidance for the evaluation
of surveillance components with
different objectives you can
either evaluate each single component
separately or compare each component
to a situation with no surveillance
Go to Q4**
Q6*
What criteria would you like to
include in your evaluation?
Cost only
Q7
Do the alternative
components you
are comparing
achieve a specified
technical effectiveness
target
NO there is no
specified technical
effectiveness target or the
effectiveness of components
has not been assessed
YES the components
achieve a specified
technical
effectiveness
target
Note: You can use the cost
calculation tool to estimate
the cost of your surveillance
components but if you are
interested in knowing if you
get value for money you should
consider including effectiveness
as well as costs
Q8 Do you want to assess
costs or include an assessmen
of effectiveness
Costs only
Evaluate cost
and effectiveness
LINK TO COST
CALCULATION TOOL
Go to Q6*
Effectiveness
only
Q7
Do you want to assess whether the components
you are comparing meet a specified technical
effectiveness target or do you want to
assess the absolute level of effectiveness?
Assess the absolute
level of effectiveness
Q8
Will an assessment
of functional aspects
that may influence the
performance of
surveillance
be included together
with the assessment of
effectiveness?
Assess whether
surveillance meets
a specified minimum
technical
effectiveness
target
YES functional
aspects will
be assessed
NO functional
aspects will
not be assessed
Cost and
effectiveness
Q7
Do you want to assess and compare
the cost of components that achieve
a specified technical effectiveness
target or assess the cost
and effectiveness of components
without specifying a technical
effectiveness target?
Assess whether components
achieve a specified technical
effectiveness target
No technical
effectiveness target
will not be specified
Q8
Is there a budget
constraint?
Q8
Has the effectiveness
of components been
assessed or is the effectiveness
determined by the surveillance
protocol specified in the legal
requirements to carry out surveillance
YES
(cost ceiling)
Effectiveness
of components
has not yet
been assessed
Effectiveness of
components is
known
NO there is
no budget
constraint
Costs and
benefits
Q7
How can you measure benefits?
Monetary
Terms
Non-Monetary
terms
Monetary and
non-monetary terms
Q8
Is there a budget constraint?
Q8
Is there a
budget constraint?
Q8
Is there a
budget constraint?
YES
(cost ceiling)
NO there is
no budget
constraint
NO there is
nn budget
constraint
YES
(cost ceiling)
NO there is
no budget
constraint
YES
(cost ceiling)
EVA Q9
Assess the technical
effectiveness of one or
more surveillance components
and the functional aspects of
surveillance that may
influence effectiveness
EVA Q8
Assess the functional
aspects of surveillance
that may influence
effectiveness
EVA Q1
Assess whether one or more
surveillance component(s)
is/are capable of meeting a specified
technical effectiveness target
EVA Q4
Assess the technical
effectiveness of one or
more surveillance components
EVA Q2
Assess the costs of surveillance components
(out of two or more) that achieve
a defined technical effectiveness target,
where effectiveness is already known
EVA Q3
Assess the costs and effectiveness
of surveillance components (out of
two or more) to determine which achieves
a defined technical effectiveness target
at least cost (te
effectiveness needs to be determined
EVA Q6b
Identify the surveillance component
(out of two or more) that generates
the biggest net benefit for society,
industry, or animal holder(s):
Benefit to be measured in
non-monetary terms or to be
expressed as an effectiveness measure.
Note: the interpretation of the outcomes requires
consideration of the value of your
effectiveness attribute, please go to
[economic evaluation] section of the tool
for more information about choosing a
measure of effectiveness
EVA Q7b
Identify the surveillance
component (out of two or more)
that generates the biggest
net benefit for society
, industry, or animal holder(s)
under a budget constraint:
Budget constraint and benefit
to be measured in monetary terms
(or to be expressed as
an effectiveness measure)
EVA Q6c
Identify the surveillance
component (out of two or more)
that generates the biggest net benefit
for society, industry, or animal holder(s):
Benefit to be measured in in
both monetary and non-monetary terms
(or to be expressed as an effectiveness measure)
EVA Q7c
Identify the surveillance
component (out of two or more)
that generates the biggest
net benefit for society
, industry, or animal holder(s)
under a budget constraint:
Budget constraint and benefit
to be measured in both monetary
and non-monetary terms
(or to be expressed as an
effectiveness measure)
EVA Q5b
Assess whether a surveillance component
generates a net benefit for society,
industry, or animal holder(s):
Benefit to be measured in non-monetary terms or to be expressed as
an effectiveness measure
Note: the interpretation of the outcomes requires
consideration of the value of your
effectiveness attribute, please go to
[economic evaluation] section of the tool
for more information about choosing a
measure of effectiveness
EVA Q5c
Assess whether a surveillance component
generates a net benefit for society
, Industry, or animal holder(s):
Benefit to be measured in
both monetary and non-monetary terms
(or to be expressed as an
effectiveness measure)
EVA Q5a
Assess whether a surveillance component
generates a net benefit for society
, industry, or animal holder(s):
Benefit to be measured in monetary terms
EVA Q10
Assess the technical effectiveness of
the surveillance system
EVA Q11
Assess the surveillance structure,
function and processes
LINK to OASIS or SERVAL