



Beyond Animal Testing INDEX

Domain A: Management and Stakeholders

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A.I.1	Governance: Management structure <i>The organization has a management structure which includes the tasks and responsibilities concerning animal testing and the transition to animal-free innovation within the organization.</i>
+ 0.50	The organization describes that the institutional license is vested within the organization.
+ 0.25	...describes in which specific body the...
+ 0.25	...describes at which specific person the...
+ 0.50	The organization describes the tasks and responsibilities on the organizational level, i.e., the level of the license holder.
+ 0.50	...organization extensively describes...
+ 0.50	The organization describes the tasks and responsibilities on multiple levels within the organization.
+ 0.10	...organization extensively describes...
+ 0.10	...on the strategic level, i.e., management of the animal testing facility , within...
+ 0.10	...on the tactical level, i.e., IvD and DEC , within...
+ 0.10	...on the operational level, i.e., the researchers, animal caretakers, technicians, research analysts and animal testing coordinators , within...
+ 0.10	...on the external level, i.e., students, interns, and external researchers , within...
+ 1.00	The organization describes in which body or bodies the responsibility for the animal testing policy is vested within the organization.
+ 1.00	The organization states that they have appointed one or more bodies and/or teams for promoting the TPI-policy and the 3R-policy.
5.00	

A.1.2 Strategy

The organization has a strategic plan and sets both long- and short-term objectives to accelerate the transition to animal-free innovation and aligns its transition to animal-free innovation strategy with its core business.

+ 1.00 The organization describes a clear ambition regarding the transition to animal free innovation and the 3Rs.

+ 1.00 The organization describes a clear strategy regarding the transition to animal free innovation and the 3Rs.

+ 0.50 The organization describes **some** goals regarding the transition to animal free innovation and the 3Rs.

+ 0.50 ...describes **multiple** goals...

3.00

A.1.3 Animal welfare and ethical review body: Arrangement and Structure

The organization commits to the optimal arrangement of the Ethical Evaluation Committee (DEC) and the Animal Welfare Body (IvD) to ensure optimal interaction and cooperation between all committees.

+ 1.00 The organization describes the various functions within the IvD, as determined by law.

+ 1.00 The organization states that the IvD has an independent and autonomous position within the organization.

+ 1.00 The organization describes the various functions within the DEC, as determined by law.

+ 1.00 The organization describes the cooperation between the DEC and the IvD.

4.00

A.1.4 Animal welfare and ethical review body: Responsibilities, tasks and goals

The organization sets Index-related objectives for the Ethical Evaluation Committee (DEC) and Animal Welfare Body (IvD) to accelerate the transition to animal-free innovation within the organization.

+ 0.50 The organization describes the tasks of the IvD, as determined by law.

+ 0.50 ...organization **extensively** describes...

+ 0.50 The organization describes additional tasks for the IvD that are not determined by law.

+ 0.50 ...organization **extensively** describes...

+ 0.50 The organization describes the methods and processes of the DEC.

+ 0.50 ...organization **extensively** describes...

+ 1.00 The organization reports about the number of applications and studies processed by the IvD.

A.II.1 Managing for Index-related Outcomes: Public reporting

The organization publicly reports on its commitments, objectives, targets, and performance information related to the transition to animal-free innovation.

- + 1.00 The organization states that they commit to a transparent animal testing policy.
- + 1.00 The organization endorses the Code for Transparency in Animal Testing.
- + 1.00 The organization publishes an annual report on animal testing.
- + 0.60 The organization reports numbers on conducted animal experiments on its website or in an annual report.
- + 0.10 ...reports *extensive* numbers...
- + 0.10 ...reports *topical* numbers...
- + 0.10 ...experiments *and which animals were used* on...
- + 0.10 ...experiments *and for which purposes the animals were used* on...
- + 0.50 The organization publishes all issued project licenses by the Central Ethics Committee (CCD) in their annual report on animal testing, on their public facing website, or on the website of the IvD.
- + 0.50 ...publishes *an extensive description of* all...

5.00

A.III.1 Managing for Index-related Outcomes: Performance management system

The organization has a performance management system to monitor and measure the outcomes and impact of its transition to animal-free innovation activities.

- + 0.50 The organization has a review cycle regarding their animal testing policy, in which their policy is being evaluated and revised.
- + 0.25 ...policy *with regular intervals* is...
- + 0.25 ...which *extensively is described how* their...
- + 1.00 The organization states that they have a process and incident management system.

2.00

A.III.2 Managing for Index-related Outcomes: Incentives

The organization has internal incentive structures to reward and facilitate people and organizational units that effectively deliver transition to animal-free innovation initiatives.

The Index could not find any relevant information on this indicator. The indicator has still been included in the overall ranking.

A.III.3 Stakeholder Engagement: Activities

The organization engages with relevant stakeholders, including universities, industry peers, patient groups, local governments, employees, and local and international non-governmental organizations, with the aim of accelerating the transition to animal free innovation. The organization has a system in place to incorporate local and other external perspectives on the transition to animal-free innovation in the development and implementation of its transition to animal-free innovation strategies.

+ 0.50 The organization states that they are **open to** dialogue with animal protection organizations.

+ 0.50 ...are **proactive in starting a** dialogue...

+ 1.00 The organization states that their policy is aimed at maintaining and initiating relevant collaborations and partnerships.

2.00

Domain B: Research and Development

Domain B: Research and Development

Quality Standards

B.I.1 Quality Standards: Commitment to standards

B.III.1 Quality Standards: Compliance with standards

Development and Use of Animal Free Research Models

B.I.2 Development and Use of Animal Free Research Models: Innovative and adaptive R&D

B.III.2 Development of Animal Free Research Models: Innovation

B.III.3 Use of Animal Free Research Models: Implementation

Collaborative R&D and Data Sharing

B.I.3 Collaborative R&D: Equitable access

B.II.1 Data Sharing: Negative data and open access

B.I.1 Quality Standards: Commitment to standards

The organization commits to complying with standards of quality assurance and control and ethics when conducting animal experiments. These standards are at least consistent with the Dutch laws.

- + 1.00 The organization has a separate policy document regarding the quality of animal research.
- + 1.00 The organization states that their policy is focused on animal welfare, quality of animal research, and the 3Rs.
- + 1.00 The organization states that their quality standards are at least equal to the Dutch laws and describes which specific laws they adhere to.
- + 0.50 The organization states that the quality of animal research is monitored **internally** through audits and laboratory animal experts.
- + 0.50 ...monitored **both internally and externally** through...
- + 0.50 The organization states that they **commit to acquiring** external accreditations and certificates that are not required by law.
- + 0.50 ...they **have acquired** external...

5.00

B.III.1 Quality Standards: Compliance with standards

The organization provides evidence of ensuring compliance with the standards it sets for quality assurance, quality control and ethics regarding animal research.

- + 1.00 The organization states that their primary animal testing facility is ISO9001 accredited.
- + 1.00 The organization states that their primary animal testing facility is AAALAC accredited.
- + 1.00 The organization states that their primary animal testing facility is OLAW accredited.
- + 1.00 The organization states that their primary animal testing facility uses relevant 'best practices' and describes these 'codes of practice'.
- + 1.00 The organization states they collaborated on initiatives to improve the quality of animal research.

5.00

B.I.2 Development and Use of Animal Free Research Models: Innovative and adaptive R&D

The organization commits to carrying out research focusing on the development of both innovative research models and adaptive formulations of its existing research models with the goal of accelerating the transition to animal-free innovation.

+ 1.00 The organization states that they have the ambition to introduce research programs that develop innovative alternatives to animal research.

+ 1.00 The organization states they organize workshops with the goal of developing animal free research models for specific research questions.

_____ **2.00**

B.III.2 Development of Animal Free Research Models: Innovation

The amount of ongoing and conducted research reflecting the research on and development of innovative research models, including innovative and adaptive R&D, and in-house and collaborative R&D.

The Index could not find any relevant information on this indicator, because it proved difficult to define 'animal free research'. The indicator has still been included in the overall ranking but will be revised in the next version of the Index.

B.III.3 Use of Animal Free Research Models: Implementation

The amount of ongoing and conducted research using existing animal free research models in research that do not have the aim of developing new animal free innovations, compared to the size of the (animal) research facility of the organization.

The Index could not find any relevant information on this indicator, because it proved difficult to define 'animal free research'. The indicator has still been included in the overall ranking, but will be revised in the next version of the Index.

B.I.3 Collaborative R&D: Equitable access

The organization commits to ensuring equitable access to animal-free research models successfully developed through R&D partnerships, in addition to equal access for the research departments to research facilities needed for use and development of animal free research models.

+ 1.00 The organization states that at some of the core facilities requests can be made and granted for the use of these facilities by other research groups.

_____ **1.00**

B.II.1 Data Sharing: Negative data and open access

The organization discloses information regarding the results of all its research conducted, regardless of the outcome, with the aim of reducing unnecessary duplication of animal experimentation and to avoid reporting bias.

+ 1.00 The organization states the goal to publish 100% of their research open access.

+ 1.00 The organization states that they stimulate the registration of animal research studies prior to the start of these studies.

2.00 _____

Domain C: Education and Training

Domain C: Education and Training	Initial education
	C.I.1 <i>Initial Education: Student curriculum</i>
	C.III.1 <i>Initial Education: Activities</i>
	Continuing Professional Development
	C.III.2 <i>Continuing Professional Development: R&D capacity building activities</i>
	Training Need Assessment
C.I.2 <i>Training Need Assessment: Assessing training needs</i>	
Awareness	
C.I.3 <i>Awareness: Internal knowledge exchange</i>	
C.II.1 <i>Awareness: Public reporting</i>	
C.III.3 <i>Awareness: Activities</i>	
External education	
C.III.4 <i>External Education: R&D capacity building activities</i>	

C.I.1	Initial Education: Student curriculum
	<i>The organization commits to the inclusion of subjects regarding animal experimentation, innovative (animal-free) research and the transition to animal-free innovation in the student curriculum of relevant educational programs, including biomedical sciences and medicine.</i>
+ 0.50	The organization states that they organize the Course on Laboratory Animal Science for students.
+ 0.50	...students, and that this includes education about TPI and/or the 3Rs.
+ 1.00	The organization states that students that do not want to participate in animal research, can get an exemption for the practical part of the Course on Laboratory Animal Science.
+ 1.00	The organization states that they apply the 3Rs as much as possible when using laboratory animals for education.
3.00	

C.III.1	Initial Education: Activities
	<i>The organization undertakes educational activities for their students with the aim of informing students of the transition to animal-free innovation, animal experimentation and innovative (animal-free) research.</i>
+ 1.00	The organization organizes a Summer School on Advanced in Vitro Models.
+ 1.00	The organization organizes a post-graduate course on the transition to animal free innovation.
+ 1.00	The organization organizes a master course focused on better research with less animal testing.
3.00	

C.III.2 Continuing Professional Development: R&D capacity building activities

The organization undertakes R&D capacity building activities for their researchers with the aim of accelerating the transition to animal-free innovation and maintaining the highest quality standards for the execution of animal experimentation.

- + 1.00 The organization states that they have a separate policy document on continuous professional development.
- + 1.00 The organization states that their primary animal testing facility is responsible for the organization of the Course on Laboratory Animal Science.
- + 0.50 The organization states that they organize the Course on Laboratory Animal Science for employees.
- + 0.50 ...employees, **and that this includes education about TPI and/or the 3Rs.**
- + 1.00 The organization states that they organize internal courses in the context of continuous professional development.

4.00

C.I.2 Training Need Assessment: Assessing training needs

The organization commits to the assessment and provision of training needs aimed at reaching or maintaining the highest quality standards both for in-house and third-party researchers.

- + 1.00 The organization states that they have appointed a competence officer to assess the training requirements of the employees.
- + 1.00 The organization states that their primary animal testing facility maintains competence files
- + 1.00 The organization states that they organize competence trainings.
- + 1.00 The organization states that they organize refresher courses for specific actions to laboratory animals.

4.00

C.I.3 Awareness: Internal knowledge exchange

The organization commits to the arrangement of interaction and cooperation between different research departments with the aim of knowledge and skill exchange regarding innovative research models.

- + 1.00 The organization states that the AWB/ IvD takes care of all internal communication, thus permanently building on a culture of care.
- + 1.00 The organization states that they stimulate the registration of animal research studies prior to the start of these studies
- + 1.00 The organization reports numbers on internal communication.

3.00

C.II.1 Awareness: Public reporting

The organization publicly reports on its capacity building activities and awareness activities related to animal experimentation, innovative research, and the transition to animal-free innovation, including performance information and key outcomes.

- + 0.50 The organization publishes newsletters on both the developments in the field of animal testing, as well as the developments in the field of the 3Rs and the transition to animal free innovation.
- + 0.25 ...publishes **frequent** newsletters...
- + 0.25 ...publishes **extensive** newsletters...
- + 1.00 The organization has a website with general information about animal testing and the 3Rs and/or the transition to animal free innovation.
- + 1.00 The organization had multiple appearances in media about animal testing and innovative research.
- + 1.00 The organization uses social media to share information about animal testing.
- + 1.00 The organization takes part in some public events, at which they share information about the 3Rs and the transition to animal free innovation.
- + 1.00 The organization publishes an online magazine which makes scientific research available.

6.00

C.III.3 Awareness: Activities

The organization organizes awareness activities with the aim of raising awareness on animal experimentation and the transition to animal-free innovation on the internal, external, and public level.

- + 1.00 The organization states that they organize a debate on laboratory animals, which is free and accessible, and during which the transition to animal free innovation is discussed.
- + 1.00 The organization states that they participate in at least one external event during which they promote the transition to animal free innovation.
- + 1.00 The organization states that they have an annual goal to organize an informative meeting concerning laboratory animals for students at their university.

3.00

C.III.4 External Education: R&D capacity building activities

The organization undertakes R&D capacity building activities in partnership with local universities and public and private sector research organizations that meet good practice standards with the aim of accelerating the transition to animal-free and maintaining the highest quality standards for the execution of animal experimentation.

+ 1.00 The organization states that they are open to incorporate initiatives of other institutes and that their employees are willing to share their initiatives with colleagues of other research institutes.

+ 1.00 The organization states that the primary animal testing facility organizes trainings for external researchers and animal care takers.

+ 1.00 The organization states that they organize education about animal testing in collaboration with other research institutes / universities.

3.00 _____

Domain D: Investments and Grants

Domain D: Investments and Grants

Investments

D.II.1 Investments: Disclosure of resources dedicated to R&D

D.III.1 Investments: Resources dedicated to R&D

Grants

D.III.2 Grants: Grants for R&D

D.II.1 Investments: Disclosure of resources dedicated to R&D

The organization publicly discloses the resources dedicated to research on and development of innovative research models, including innovative and adaptive R&D, and in-house and collaborative R&D.

+ 1.00 The organization states that they have a fund specifically for stimulating research on the 3Rs and the transition to animal free innovation.

+ 1.00 The organization describes the financial resources (total amount/ number itemized) available for research on the 3Rs and the transition to animal free innovation.

2.00 _____

D.III.1 Investments: Resources dedicated to R&D

The financial R&D investment dedicated to research on and development of innovative research models, including innovative and adaptive R&D, and in-house and collaborative R&D.

The Index could not find any relevant information on this indicator. The indicator has still been included in the overall ranking.

D.III.2 Grants: Grants for R&D

The number and amount of acquired grants dedicated to animal-free research and research on and development of innovative research models, including innovative and adaptive R&D, acquired from Horizon 2020, ZonMW, NWO, Proefdienvrij and SGF.

- + 5.00 The organization participates in X projects of the Horizon 2020, through which they were granted a total amount of X.
- + 0.00 The organization was granted X grants from the program MKMD from ZonMW relevant to the Index.
- + 0.00 The organization was granted X grants from the program TTW from NWO relevant to the Index.
- + 0.00 The organization was granted X grants from the program 3Rs from IMI relevant to the Index.
- + 0.00 The organization was granted X grants from Health Holland relevant to the Index.
- + 0.00 The organization won the Hugo van Poelgeest price X times in the past 5 years.
- + 0.00 The organization won the Lush price X times in the past 5 years.
- + 0.00 The organization won the Lef in het lab price X times in the past 5 years.

5.00

A different system has been used to calculate the score for this indicator. In the pilot, we only used grants from Horizon 2020 to test this system. A more extensive explanation is found in the 'BATI Pilot Rapportage' (only available in Dutch).

Domain E: Intellectual Property

Domain E: Intellectual Property

Patents

E.II.1 Patent disclosure

Licensing

E.II.2 Disclosure of licensing practice

Partnerships

E.III.1 Partnerships: IP sharing

E.II.1 Patent disclosure

The organization publicly discloses the patent status of its patents related to the transition to animal-free innovation.

+ 1.00 The organization has a department/ office that is responsible for its patents and licensing.

+ 1.00 The organization reports about the number of patent applications in 2019.

+ 1.00 The organization reports about their IP policy and the included principles.

2.00

E.II.2 Disclosure of licensing practice

The organization publicly discloses detailed information about the voluntary licences and non-assert agreements it is engaged in for intellectual property related to the transition to animal-free innovation.

+ 1.00 The organization reports that they have IP-licensing contracts with companies.

1.00

E.III.1 Partnerships: IP sharing

The company provides evidence of sharing its intellectual property with local universities and public and private research institutions that develop animal-free research models either through open access or through fair and reasonable licensing.

The Index could not find any relevant information on this indicator. The indicator has still been included in the overall ranking.