

- 
- The background of the slide is an aerial photograph of the EPFL campus. The image shows several large, modern buildings with flat roofs and glass facades. In the center, there is a large, white, curved structure that appears to be a library or a central building. The campus is surrounded by greenery and a body of water in the distance. The sky is overcast with grey clouds.
1. Using PyRat for your report AC
 2. Filling your Report AC in ANIMEX

Report AC
Information session

- 1. How to use PyRAT to prepare your report AC?
- 2. How to access and fill an report AC in ANIMEX?
- 3. What will change for the 2026 AC report?
- 4. Questions and answers

- Display License history on the animals and pups page

The screenshot shows the PyRAT web interface with the 'Animals' page. A 'Select columns' dialog box is open, allowing users to customize the columns displayed in the table. The dialog box has two main sections: 'Available columns' and 'Selected columns'. The 'Available columns' list includes various attributes like 'Age in days', 'Area', 'Building', 'Cage category', 'Cage label', 'Cage owner', 'Cage responsible', 'Cage type', 'Classification', 'Comments', 'Condition', 'Current weight', 'Days since last birth', 'Days since last comment', 'Documents', 'Export date', 'Generation', 'Genetic background', 'Genetic status', and 'Harmful phenotype'. The 'Selected columns' list includes 'Work requests (All)', 'ID', 'Lab ID', 'License history', 'Parents', 'Cage', 'Rack', 'Sex', 'Line / Strain (Name)', 'Mutations', 'Date of birth', 'Age in weeks', 'Project', and 'Attributes'. The 'License history' option is highlighted with a red box and labeled '2'. The 'Apply' button at the bottom right of the dialog box is also highlighted with a red box and labeled '3'. In the background table, the 'Age (w)' column header has a gear icon highlighted with a red box and labeled '1'.

WR (All)	ID	Lab ID	License history	Parents	Cage	Age (w)
<input type="checkbox"/>	DPX-000001				SDPX-0000	8 49
<input type="checkbox"/>	DPX-000002				SDPX-0000	8 49
<input type="checkbox"/>	DPX-000003				SDPX-0000	8 49
<input type="checkbox"/>	DPX-000004				SDPX-0000	8 49
<input type="checkbox"/>	DPX-000012				SDPX-0000	8 49
<input type="checkbox"/>	DPX-000013		Breeding_2019: Mice (0) 07/05/2019		SDPX-0000	8 49
<input type="checkbox"/>	DPX-000014		Breeding_2019: Mice (0) 07/05/2019		SDPX-0000	8 49
<input type="checkbox"/>	DPX-000015				SDPX-0000	8 49
<input type="checkbox"/>	DPX-000016				SDPX-0000	8 49
<input type="checkbox"/>	DPX-000017				SDPX-0000	8 49
<input type="checkbox"/>	DPX-000018				SDPX-0000	8 49
<input type="checkbox"/>	DPX-000019				SDPX-00007 SV-SPF 0718-1 ♂ *C57BL/6J	20/11/2018 49
<input type="checkbox"/>	DPX-000020				SDPX-00007 SV-SPF ♂ *C57BL/6J	20/11/2018 49

- Check consistency and make necessary modifications (genotype mandatory, classification, license,...)

Check also the breeding license!

- License
- License period
 - > Jan 1st to Dec 31st 2024
- Show sacrificed/exported
 - > All
- Repeat for pups if appropriate

Animal filter

Search

Favorites

- All
- » Animal
- » Cage
- » History
- Modified
- Saved

Owner: ProfX Demo

Responsible: All

ID: ?

Comment: ?

Cage type: All

Cage ID: ?

Location: Click here to set location

Sex: All

Species: All

Line / Strain: ? All

Inactive Line / Strain: ? All

Project: All

License: 9999

Classification: All

Severity level: All

License period: 01/01/2019 - 31/12/2019

Show sacrificed / exported: All

Results per page: 500

Reset Apply filter Edit favorites

Check the *License history* column

- Animals should not be assigned to more than one license (exception for renewal/follow up with approved transferred animals)
- Check severity level
- Make sure classification (GMA or WT) is consistent with the genotype

WR (All)	ID	Lab ID	License history	Parents	Cage	Rack	Sex	Line / Strain (Name)	Mutations
<input type="checkbox"/>	DPX-000008		9999: GMA (1) 03/09/2019		SDPX-00003	SV-CONV 0740.2-1	♂	*C57BL/6J	
<input type="checkbox"/>	DPX-000009		9999: GMA (1) 03/09/2019 Breeding_2019: Mice (0) 07/05/2019		SDPX-00004	SV-CONV 0740.2-1	♂	*C57BL/6J	
<input type="checkbox"/>	DPX-000010		9999: GMA (1) 03/09/2019 Breeding_2019: Mice (0) 07/05/2019		SDPX-00004	SV-CONV 0740.2-1	♂	*C57BL/6J	
<input type="checkbox"/>	DPX-000011		9999: GMA (1) 03/09/2019		SDPX-00004	SV-CONV 0740.2-1	♂	*C57BL/6J	
<input type="checkbox"/>	DPX-000101		9999: GMA (2) 04/11/2019		SDPX-00027	SV-CONV 0740.2-1	♂	R26_LSL_tdTomato_VGATCre	tdTomato *lox/lox VGATCre *mut/+
<input type="checkbox"/>	DPX-000103		9999: GMA (1) 04/11/2019		SDPX-00027	SV-CONV 0740.2-1	♂	R26_LSL_tdTomato_VGATCre	tdTomato *lox/lox VGATCre *mut/+
<input type="checkbox"/>	DPX-000105		9999: GMA (2) 04/11/2019		SDPX-00027	SV-CONV 0740.2-1	♂	R26_LSL_tdTomato_VGATCre	tdTomato *lox/lox VGATCre *mut/+

Correct the wrong information

- Individually by clicking on the wrong license history information
- By batch using QS/Manage license
 - > Works only if all information contained in license history are the same for the selected animals
- For correction on the breeding license or expired license, contact me because it is not possible for you anymore as the license is “expired”.

Set license for DPX-000010

Animal: DPX-000010

License	Classification	Assign date	Severity level	
9999	GMA	04/11/2019	2 *	Add
9999	GMA	03/09/2019	1	✗
Breeding_2019	Mice	07/05/2019	0 *	✗

Severity level with trailing * indicates the severity level of license classification

Cancel Apply



Set license for DPX-000010

Animal: DPX-000010

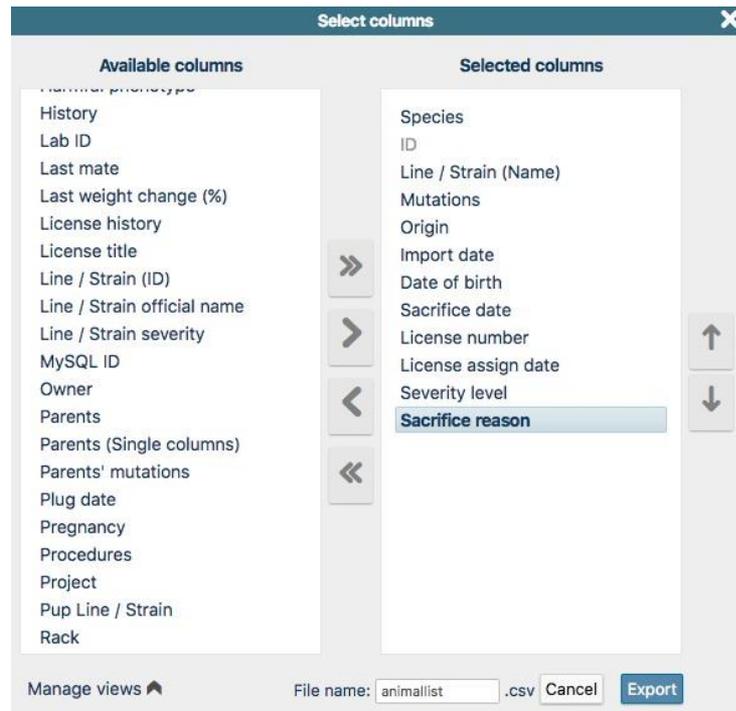
License	Classification	Assign date	Severity level	
9999	GMA	04/11/2019	2 *	Add
9999	GMA	03/09/2019	1	✗
Breeding_2019	Mice	07/05/2019	0 *	+

Severity level with trailing * indicates the severity level of license classification

Cancel Apply

Possibility to export the data in Excel

- Tick the animals filtered, QS/
Export this list to Excel
- Choose the columns you need
(species, license number,
license assign date, sacrifice
date, sacrifice reason, severity
level...)



Additional information: Report HC

- On contrary to reports AC, report HC is performed by the CPG
- But your contribution is needed:
 - >>> **genotypes of ALL born animals including pups MUST be informed in PyRAT !**
 - >>> **for GM animals not genotyped for which the genotype is unknown indicate N/A in the mutation**
 - >>> **for GM animals bred as homozygous indicate the genotype even if it not confirmed by proper genotyping**
 - >>> **if we find discrepancies or missing information we will contact you for clarification (for example experimental animals on a breeding license)**
 - >>> **if we get questions in particular about surplus animals we will also contact you to understand as we have to be able to explain to the Authorities**

EPFL How to access the report AC in ANIMEX?

- PSDI and RM received a task which is clickable and directly leads to the Report AC.

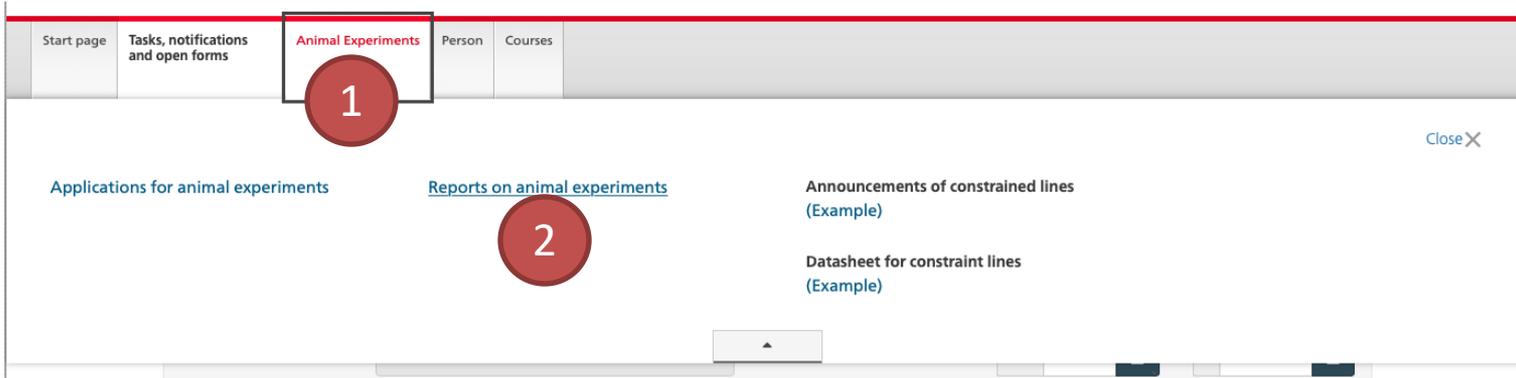
The screenshot shows the ANIMEX interface with the following elements:

- 1**: Navigation menu at the top with 'Tasks, notifications and open forms' selected.
- 2**: Search filters including 'Object' (set to 'Selected all'), 'Full text search', and 'Received date' (From/To).
- 3**: A table listing tasks, with the first entry being 'Report AC'.

OBJECT	INSTITUTE/FACILITY	OBJECT TITLE	STATUS	TASK DESCRIPTION	TYPE	LAST VISITED DAY	RECEIVED AT ^	TARGET DATE
Report AC	EPFL SV BMI	The effects of lifetime stress on Alzheimer's Dise.../2020/VD/Johannes Gräff/Annual	Draft	Report awaiting completion	System		12.01.2021 08:47:56	

EPFL How to access the report AC in ANIMEX?

- IPI and SDI can access the report in the search



EPFL How to access the report AC in ANIMEX?

- IPI and SDI can access the report in the search

Full-text Application number Extended search

Select all Submitted (CO) Rewrite (INST) Public (INST) Submitted (FVO) Rewrite (CO) Public (CO)

Public (FVO) Accepted

Application number

Search on: Both National number Cantonal number

Clear Search

10 per page

Total: 5 Entries

Previous 1 Next

More columns Export

REPORTING YEAR	NATIONAL NUMBER ^	CANTONAL NUMBER	TITLE OF THE APPLICATION	STUDY DIRECTOR	INSTITUTE	REPORT TYPE	TITLE OF PUBLICATION	FIELD OF STUDY	AREA OF APPLICATION	REPORT STATUS	DELEGATED	INTERCANTONAL
2021	32558	VD3290.1	Optimizing the use of animals : Organs/tissues harvesting for ex vivo experiments	Isabelle Barde	EPFL SV CPG	Annual				Draft	No	No
2018	29554	VD3290.b	Organs/tissues harvesting for ex vivo experiment	Isabelle Barde	EPFL SV CPG	Annual				Submitted to FSVO	No	No
2019	29554	VD3290.d	Organs/tissues harvesting for ex vivo experiment	Isabelle Barde	EPFL SV CPG	Annual				Submitted to FSVO	No	No
2020	29554	VD3290.e	Organs/tissues harvesting for ex vivo	Isabelle Barde	EPFL SV CPG	Last annual				Draft	No	No

Select the report of the right year

EPFL How to access the report AC in ANIMEX?

- IPI and SDI can access the report from the application (FormA)

The screenshot displays the ANIMEX application interface. At the top, there is a navigation bar with a red header. The navigation menu includes the following items: "Start page", "Tasks, notifications and open forms", "Animal Experiments" (highlighted with a red box and a red circle containing the number 1), "Person", and "Courses". Below the navigation bar, the main content area is visible. On the left side, there are two links: "Applications for animal experiments" (highlighted with a red circle containing the number 2) and "Reports on animal experiments". On the right side, there are two links: "Announcements of constrained lines (Example)" and "Datasheet for constraint lines (Example)". A "Close X" button is located in the top right corner of the main content area. At the bottom of the page, there is a footer with a small red square icon and the text "Report AC - Information session".

EPFL How to access the report AC in ANIMEX?

- IPI and SDI can access the report from the application (FormA)

Full-text **Application number** Extended search

Select all Draft Pending Valid Invalid

Application number

3290

3

Search on:

Both National number

Cantonal number

Clear

Search

10 per page

Total: 7 Entries

◀ Previous 1 Next ▶

More columns ▾

Export ▾

NATIONAL NUMBER ^	CANTONAL NUMBER	TITLE OF THE APPLICATION	RESOURCE MANAGER	INSTITUTE	APPLICATION TYPE	STATUS	INTERCANTONAL
32558	VD3290.1	Optimizing the use of animals : Organs/tissues har...	Julie Parchet-Piccand	EPFL SV CPG	Renewal	Approved	No
29554	VD3290.c	Organs/tissues harvesting for ex vivo experiment	Didier Trono	EPFL SV CPG	Supplementary Application	Replaced	No
29554	VD3290.e	Organs/tissues harvesting for ex vivo experiment	Didier Trono	EPFL SV CPG	Supplementary Application	Replaced	No
29554	VD3290	Organs/tissues harvesting for ex vivo experiment	Isabelle Desbaillets	EPFL SV CPG	New Application	Replaced	No
29554	VD3290.b	Organs/tissues harvesting for ex vivo experiment	Didier Trono	EPFL SV CPG	Supplementary Application	Replaced	No
29554	VD3290.a	Organs/tissues harvesting for ex vivo experiment	Isabelle Desbaillets	EPFL SV CPG	Supplementary Application	Replaced	No
29554	VD3290.d	Organs/tissues harvesting for ex vivo experiment	Didier Trono	EPFL SV CPG	Personnel Supplementary	Replaced	No

Select the last/current version of the license

EPFL How to access the report AC in ANIMEX?

- IPI and SDI can access the report from the application (FormA)

The screenshot shows the ANIMEX application interface. At the top, there is a header with fields for Family (SC-29554-VD3290.e/2020), Title (Organs/tissues harvesting for ex vivo experiment), and Type (Supplementary Application). A red banner indicates the application is "Expired: 27.10.2020" and "Replaced (Invalid)". Below this, the applicant is identified as "EPFL SV CPG" from the "Canton Vaud". A navigation bar contains several editor buttons: IPI Editor, SDI Editor, RM Editor, AWOI Editor (highlighted in blue), and CO Authority. A dropdown menu is open on the right side, listing options: License/De..., Reports, Versions, Compare, Inspections, and Remarks. A red circle with the number "5" is overlaid on the "Reports" option.

The screenshot shows a dialog box titled "Application reports" with a close button (X) in the top right corner. Inside the dialog, there is a section labeled "REPORT" with a blue background. Below this, a checkmark icon is followed by the text "2020 Last annual SC -29554-VD3290.e", which is a clickable link. A red circle with the number "6" is overlaid on the link. At the bottom right of the dialog, there is a "Close" button.

EPFL What does it look like in ANIMEX?

Basics

01-06

01

02

03

04

05

06

Chapter “Basics” are automatically prefilled by the system.



EPFL What does it look like in ANIMEX?

Number of animals used in the calendar year

07

07

Select YES if you did not use any animals during the reporting year. A justification will be needed it has to be provided in the Special Event section.

The system will populate the numeric fields with 0 for all animal categories.

For final report, fill the “Assessment of the experiment” chapter.

EPFL What does it look like in ANIMEX?

Animal category

08-12

08	Animal category: Mice ⓘ
Source ⓘ	Form A
Amount of authorized animals ⓘ	216
Amount of animals still available in year 2020 ⓘ	187

1

New: Amount of animals still available in the reporting year.
Calculated as (Amount of animals authorized in form AB – Animals declared in previous years)

EPFL What does it look like in ANIMEX?

Animal category

08-12

	<	>	VD	
9. Overall use of animals in 2020				
9.1 Total number of animals taken over from the previous year under this national number ⓘ	INST	23		2
	CO	23		
	FVO	23		
9.1.1 Number of animals DS 0 carried over from the previous year ⓘ	INST	23		2
	CO	23		
	FVO	23		
9.1.2 Number of animals DS 1 carried over from the previous year ⓘ	INST	0		
	CO	0		
	FVO	0		
9.1.3 Number of animals DS 2 carried over from the previous year ⓘ	INST	0		
	CO	0		

New: Former section 41 is now divided by degrees of severity (Sections 9.1.1–4). The numbers are automatically filled and not editable.

Note: Carried over animals from 2019 e-tv reports (former section 42), are listed as DS 0, as in e-tv there was no distinction by DS.

To adjust these numbers, if appropriate, the report must be submitted, and then returned for rewrite by the cantonal authority.

EPFL What does it look like in ANIMEX?

Animal category

08-12

9.4 Repeated usage of animals in experiments ⓘ	INST	0	
	CO	0	
	FVO	0	
9.4.1 Number of animals used repeatedly under this national number ⓘ	INST	0	1
	CO	0	
	FVO	0	
9.4.2 Number of animals taken over from another license ⓘ	INST	0	2
	CO	0	
	FVO	0	
Licence number(s) of previous use ⓘ			

New: Former section 44 is now divided by type of repeated usage (Sections 9.4.1–2).

Note: Only if accepted in your formA.

1

9.4.1: Enter the number of animals that have been used under this license number in different unrelated experiments (=repeatedly) in the reporting year.

2

9.4.2: Enter the number of uses of animals that have been used under this license number, which have already been used in a previous animal experiment under a different license number.

EPFL What does it look like in ANIMEX?

Animal category

08-12

12.2 Number of animals carried over to the (next) year: 2021 ⓘ	INST	0	
	CO	0	
	FVO	0	
12.2.1 Number of animals with DS 0 carried over to the next year ⓘ	INST	0	1
	CO	0	
	FVO	0	
12.2.2 Number of animals with DS 1 carried over to the next year ⓘ	INST	0	
	CO	0	
	FVO	0	
12.2.3 Number of animals with DS 2 carried over to the next year ⓘ	INST	0	
	CO	0	
	FVO	0	
12.2.4 Number of animals with DS 3 carried over to the next year ⓘ	INST	0	
	CO	0	
	FVO	0	

1

New: Former section 72 is now divided by degrees of severity (Sections 12.1.1–4).

Note: You need to enter the severity degree that the animals have experienced till now. Not in the future.

EPFL Validation checks

In order to have a successful validation by the system and in order to be able to submit the report to the cantonal authority, the total number of animal usage under this national number in the reporting year (Section 9.3) must pass the following validation:

Section 9.3 =	9.1 Total number of animals taken over from the previous year under this national number
	+ 9.2 Number of animals used newly or anew under this national number in the reporting year

Section 9.3 =	9.1 Total number of animals taken over from the previous year under this national number
	+ 9.4 Repeated usage of animals in experiments
	+ 9.5 Number of animals used first time in animal experimentation

Section 9.3 =	10.1 Number of animals taken over from previous year (section 9.1) or from an earlier animal experiment (section 9.4)
	+ 10.2 Number of animals originating from licensed laboratory animal facility in Switzerland
	+ 10.3 Animals from an animal facility or dealer abroad
	+ 10.4 Number of animals of other origin

Section 9.3 =	11.1 Number of animal usage with DS 0
	+ 11.2 Number of animal usage with DS 1
	+ 11.3 Number of animal usage with DS 2
	+ 11.4 Number of animal usage with DS 3

Section 9.3 =	12.1 Number of animals euthanized or perished
	+ 12.2 Number of animals carried over to the (next) year
	+ 12.3 Number of surviving animals at the end of the experiment

EPFL What does it look like in ANIMEX?

Assessment of the experiment

13-17

13

Describe the results achieved during the year (or in summary for a final report) and the knowledge gained per aim

14

Indicate N/A if the field is mandatory it is only for regulatory studies

15

Discuss the suitability of the methods and any 3R potential (Optimice, Rehoming, tissues shared with other groups, refinement of procedures or cares). For final report: retrospective analysis of the sample size.

16

Discuss special events: no animals used, found dead animals (age, sex, stage of study, reason, last scoring day and scores), retrospective score lower or higher, email agreement

17

List the publication related to the licence for the year or for the license duration in case of final reports.

... simply enter text which fit the questions



Basics

01-04

01

Automatically filled by the system from the FormA (National and Cantonal numbers, title) – Not published

02

Automatically filled by the system from the Form A but can be changed – let me know if it needs to be changed

03

Automatically filled by the system from the FormA (Field of study)

04

Automatically filled by the system from the FormA (Area of application)

... these fields which will be **published** by the FSVO.



Animals

05-06

05 Total number of animals used in the whole duration of the animal experiment						
Mice						
Year	Nr. 9.1	Nr. 9.2	Nr. 11.1 (DS0)	Nr. 11.2 (DS1)	Nr. 11.3 (DS2)	Nr. 11.4 (DS3)
2020	0	18	0	9	9	0
Total	0	0	0	0	0	0
Actual sum	0	0	0	0	0	0
Published sum			<input type="text" value="0"/>	<input type="text" value="9"/>	<input type="text" value="9"/>	<input type="text" value="0"/>

Mice gm						
Year	Nr. 9.1	Nr. 9.2	Nr. 11.1 (DS0)	Nr. 11.2 (DS1)	Nr. 11.3 (DS2)	Nr. 11.4 (DS3)
2020	5	0	0	0	5	0
2019	0	40	0	9	31	0
Total	0	40	0	9	31	0
Actual sum	0	40	0	9	31	0
Published sum			<input type="text" value="0"/>	<input type="text" value="9"/>	<input type="text" value="31"/>	<input type="text" value="0"/>

1

Note: The numbers in the "Published sum" row, which are published by the FSVO, can be corrected if needed and justified.

1

Available each trimester here:

<https://www.tv-statistik.ch/fr/experiences-terminees/>

1

EPFL What will change?

- The animal protection legislation has been updated and will be in force from February 1st 2025. For the AC Reports 2024/2025 nothing will change but from 2026 reporting will change.
 - 2026: Animals will be counted from day 9 after birth (currently only after weaning) or from when they were euthanised.
 - Immediately: no phalanx clipping after day 9.
 - Immediately: A license must be granted before we can breed a **strained line**.
 - Immediately: Animals must be handled with gentle handling methods (no tail picking)
 - Immediately: The study director is responsible for the number of animals bred and housed for his experiments.
 - 2026-2027: The breeding will have to be justified in the FormA and the justified number cannot be exceeded. This number needs to be as small as possible while allowing to make the experiments.
 - 2026: In the animal facility report we will have to indicate for the euthanised animals if they were (1) experimental, (2) rehomed, (3) euthanised or dead.
- Strong pressure from the public on surplus animals (= animals generated but not used for breeding or experiments) -> changes will lead to more transparency.
- The new legal texts and a short report to explain the changes can be found here (F/G/I):
<https://www.blv.admin.ch/blv/fr/home/tiere/rechts--und-vollzugsgrundlagen/gesetzgebung.html>