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Report Highlights:

This report includes information on the plant and animal biotechnology situation in Austria. Austria continues to be one of the leading forces in Europe opposed to the use of agricultural biotechnology. Anti-biotech Non-Governmental Organizations (NGOs), farmer organizations, the food-processing sector, and the retail sector all campaign against genetically engineered (GE) agricultural and food products. Soybeans and soybean products are the only major GE product imported by Austria. Although not broadly discussed in the public, innovative biotechnologies have a higher acceptance within informed Austrian stakeholder groups.

Acronyms

AGES	Austrian Agency for Health and Food Safety (Agentur fuer Gesundheit und Ernaehrungssicherheit)
BAES	Austrian Federal Office for Food Safety (Bundesamt fuer Ernaehrungssicherheit)
EPPO	European and Mediterranean Plant Protection Organization
EU	European Union
FAO	Food and Agriculture Organization of the United Nations
FAS	Foreign Agricultural Service
GE	Genetically Engineered
GM	Genetically Modified
GMO	Genetically Modified Organism
Ha	Hectare
IPR	Intellectual Property Rights
LLP	Low Level Presence
LMO	Living Modified Organism
MS	Member States (EU Member States)
NBT	New Breeding Technique
NGO	Non-Governmental Organization
OECD	Organization for Economic Co-operation and Development
OeVP	Austrian people's party (Oesterreichische Volkspartei)
OIE	World Organization for Animal Health
SPOe	Austrian social democratic party (Sozialdemokratische Partei Österreichs)
T-TIP	Transatlantic Trade and Investment Partnership

Executive Summary

Austria continues to be one of the leading forces within Europe opposed to the use of biotechnology in agriculture. Austrian politicians, governmental decision makers, farmer organizations, and consumers share the opinion that agricultural biotechnology carries incalculable risks. Austrian legislation successfully prohibits the cultivation of GE crops. Austria has adopted the so-called “opt-out” EU legislation to restrict or ban the cultivation of GE plants on its territory.

Austria’s anti-biotech sentiment has effectively kept labeled biotech foods off the shelves in supermarkets and grocery stores. The Austrian retail sector refrains from stocking or selling any foods containing ingredients that require GE labeling. Anti-biotech NGOs and farmer’s organizations, the food-processing sector, and the retail sector all have steady marketing campaigns promoting GE-free foods.

Despite this widespread opposition towards GE products, the Austrian animal sector is highly dependent on imports of soybeans and soybean meal. A large majority of the 600,000 metric tons of soybean meal used in Austria is GE. Soybeans and soybean meal is currently the only major agricultural biotech commodity found on the Austrian market.

Within informed stakeholder groups like scientists, seed breeders, seed traders and some farmer’s representatives, the acceptance for innovative biotechnologies is much higher than for traditional GE crops. However, these techniques are not widely discussed in the public.

For more information on the European Union (EU) biotech situation please see the current EU Agricultural Biotechnology Annual Report, which can be found at the [FAS GAIN Report Data Base](#).

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CHAPTER 1: PLANT BIOTECHNOLOGY

PART A: PRODUCTION AND TRADE

- a) **PRODUCT DEVELOPMENT:** There is no Austrian GE plant product development for commercialization anticipated in the next five years. There are only some small-scale research projects at the university level focused on virus resistance of grapes and fruit trees, nutritional improvement of food and feed crops, and the production of pharmaceutical proteins in grains but only in contained areas.
- b) **COMMERCIAL PRODUCTION:** There is no biotech crop production in Austria. Austrian federal and state legislation successfully prevents the planting of EU-approved biotech crops. Austria has adopted the so-called “opt-out” EU legislation to restrict or ban the cultivation of GE plants on its territory. The Austrian federal states have issued amendments to their “biotech precautionary bills” or other related laws to implement that particular legislation. In the case of biotech crops approved for cultivation, Austria has applied and will apply for an amendment of the geographical scope to exclude Austria. However, national cultivation and import/processing bans of biotech crops are still in place for political reasons. For more details please see chapter “[Austrian Federal Law](#)”. In addition, all Austrian federal states are members of the “[European Network of GMO-Free Regions](#).”
- **“Non-GMO” Seed Corn:** Austria is an important corn seed producer and the Austrian seed industry actively promotes “non-GMO” seed corn and other seeds. In addition, Austria is increasingly producing organic seed. In 2017, Austria planted over 8,100 Ha seed corn and more than half is exported. In August 2017, DuPont Pioneer Austria finished its new parental and organic seed production facility in northeastern Austria. Austria’s “GMO-Free” status was a factor in the plant’s location choice.
- c) **EXPORTS:** Since there is no commercial GE plant production, Austria does not export GE crops to the United States or other countries. However, there may be some transshipment via Austria.

- d) **IMPORTS:** The livestock and poultry industries are important components of Austrian agriculture and account for about 45 percent of total agricultural output. Animal production is highly dependent on imports of soybean meal. Austria imports an average 500,000 MT of soybeans and soybean meal per year for feed, the majority of which is GE. Those imports are mainly transshipments from Germany and the Netherlands, where soybeans from North and South America are processed into soybean meal. Soybean meal is the only agricultural biotech product that can be found on the Austrian market.
- e) **FOOD AID:** Austria is not a food aid recipient. Normally, Austria only provides direct food aid for disaster relief of which mostly is sourced locally or close to the disaster site. Austria does not source GE products for food aid. Most of the support Austria provides for food security includes provisions for sustainable food production systems (which in terms of Austria, does not include GE plantings).
- f) **TRADE BARRIERS:** All EU trade barriers related to GE crops apply to Austria. Most importantly, the EU mandatory labeling of the presence of GE ingredients in food causes traders, processors, and retailers to avoid GE ingredients including GE soybeans or corn used for processing of oil. In addition, Austria has implemented its own cultivation and marketing bans on EU approved GE crops (see chapter "[Regulatory Framework](#)").

PART B: POLICY

- a) **REGULATORY FRAMEWORK:** As a member of the EU, generally EU regulations on biotech products also apply to Austria, (see current EU Agricultural Biotechnology Annual Report which can be found at the [FAS GAIN Report Data Base](#)).
- i. **Responsible Government Ministries:**
 - Federal Ministry of Labor, Social Affairs, Health, and Consumer Protection ("[Bundesministerium für Arbeit, Soziales, Gesundheit und Konsumentenschutz](#)" - in German). This Ministry is responsible for reviewing and approving the contained use and deliberate release applications from industry and research institutions except universities.
 - Austrian Federal Ministry of Education, Science and Research ("[Bundesministerium für Bildung, Wissenschaft und Forschung](#)" - in German). Responsible for reviewing and approving contained use and deliberate release applications from universities.
 - Federal Ministry for Sustainability and Tourism ("[Bundesministerium für Nachhaltigkeit und Tourismus](#)" - in German). Overall regulatory responsibility for the cultivation of biotech crops. This includes reviewing and approving of applications.

- Federal Environment Agency ("Umweltbundesamt" – in German). Responsible for technical issues with the cultivation of biotech crops and would provide comments in cases of a deliberate release and of placing products on the market.
- ii. **Biosafety Committee:** The Committee for Gene Technology ("Gentechnik-Kommission") is an advisory body consisting of representatives from science, industry, government, NGOs and trade unions. This committee gives comments on regulations and ordinances, establishes technical guidelines, and gives periodic reports to the Parliament. Its scientific subcommittees give advice on actual applications of contained use and deliberate release. The Austrian Gene Technology Act lays out the rules for the installation and work of this commission and its three standing scientific committees.

The former Austrian Ministry of Agriculture (now known as the Ministry for Sustainability and Tourism) initiated the Task Force on Gene Technology in Agriculture ("Arbeitsgruppe Gentechnik in der Landwirtschaft") with the aim to achieve a coordinated approach for managing the coexistence of "GMO" crops, conventional crops and organically produced crops in all nine Federal States. Since there is currently no GE production in Austria, the task force develops possible scenarios of coexistence for the unlikely event of GE production in the future and for coexistence issues with neighboring countries. This task force consists of members of the Sustainability Ministry, the Social Ministry, representatives of the nine federal states, the chambers of agriculture, and representatives of the organic farmers association.

- iii. **Political Factors:** All major Austrian political parties consistently vote against the use of agricultural biotechnology. The latest Austrian government policy plan – in German (2017) by the two coalition parties, the "People's Party" (OeVP), and the "Freedom Party" (FPÖ) includes a commitment to ensure GE-free agricultural cultivation. The current policy plan is valid through 2022.

Austrian opposition to biotech crops is a controversial factor in free trade negotiations particularly with countries producing biotech crops - like the United States.

- iv. **Distinctions of the approval for food, feed, processing, environmental release:** See current EU Agricultural Biotechnology Annual Report which can be found at the FAS GAIN Report Data Base.
- v. **Legislation with the potential to affect U.S. exports:** See current EU Agricultural Biotechnology Annual Report which can be found at the FAS GAIN Report Data Base.

Austrian Federal Law: As a member of the EU, Austria has fully implemented the EU directives, decisions, regulations and guidelines pertaining to Living Modified Organisms (LMOs) through federal laws and ordinances (see current EU Agricultural Biotechnology Annual Report which can be found at the [FAS GAIN Report Data Base](#)).

The Austrian Gene Technology Act (“[Gentechnikgesetz](#)” in German) regulates the main aspects of biotechnology and genetic engineering, including contained use of LMOs, deliberate release of LMOs into the environment, the sale of products that contain LMOs, and the application of biotechnology in human medicine. The Austrian regulations on biotechnology can be found at the [website of the Austrian Social Ministry](#) (only available in German).

After the publication of [EU Directive 2015/412](#), which allowed Member States to restrict or ban the cultivation of GE plants in their territory, the Austrian government issued the Biotech Cultivation Framework Law (“[Gentechnik-Anbauverbots-Rahmengesetz](#)” in German), published on August 3, 2015. Since the cultivation of plants is regulated by federal state laws (not federal laws), the Biotech Cultivation Framework Law, which is a federal law, establishes a common coordinated legal basis for all nine Austrian federal states to ban the cultivation of biotech crops. It also introduces a Biotech Advisory Council. All nine federal states have made amendments to their laws to implement “opt out” legislation and prevent their territories from biotech crop cultivation.

Austria implemented an option amending the geographical scope of the application of a biotech crop to exclude all of its territory. This provision required an amendment of the Austrian Gene Technology Act (“[Aenderung des Gentechnikgesetzes](#)”: in German) which also came into force on August 3, 2015. Biotech crop cultivation applications are and will be handled with restricted geographical scope. For political reasons, Austria in addition maintains earlier issued cultivation bans.

The Ordinance on Work with LMOs in Contained Use (“[Systemverordnung](#)” in German) defines the Gene Technology Act in more detail, such as risk assessment, the classification of LMOs, the necessary equipment of laboratories according to classification and scale, qualification of staff, safety aspects, and the measures to be taken in case of accidents.

The Ordinance on the Deliberate Release of LMOs into the Environment (“[Freisetzungsverordnung](#)” in German) is also based on the Gene Technology Act and contains the requirements that have to be considered by applicants for the approval of a deliberate release of a LMO in Austria.

The Ordinance on Public Hearings (“[Anhörungsverordnung](#)” in German) prescribes in more detail the administrative procedures that have to be considered in those cases where the Austrian Gene Technology Act requires a mandatory public hearing, including applications for deliberate release and contained use of LMOs.

The chapters of the Book of Biotechnology (“[Gentechnikbuch](#)” in German) outline the current "state of technology" in the field of biotechnology and genetic engineering and are meant to keep pace with biotech advances. The book has the legal status of an objectified expert opinion. If necessary chapters of the book can be published as an ordinance and thus enter into force like a law.

The Register of Products Containing LMOs (“[Gentechnikregister](#)” in German) continuously lists those products that have been EU-approved.

Austria adopted the “opt-out” for cultivation legislation on a federal and a federal state level (For more details please see beginning of the chapter “[Austrian Federal Law](#)”). This legislation prevents the Austrian territory from cultivation of GE crops. However, Austria still maintains its earlier issued cultivation bans. In addition, biotech crop cultivation applications are and will be handled with restricted geographical scope

The following safeguard clauses are still in effect. For political reasons cultivation bans are still in place (in addition to the opt-out clause).

Event banned	Scope	Date of Ban
Bayer T25 corn	Cultivation	2000 (Amended 2008)
Monsanto MON 810 corn	Cultivation	1999 (Amended 2008)
Monsanto GT73 rapeseed	Import/Processing	2007 (Amended 2008)
Monsanto MON 863 corn	Import/Processing	2008
Bayer Ms8 rapeseed	Import/Processing	2008
Bayer Rf3 rapeseed	Import/Processing	2008
Bayer Ms8XRf3 rapeseed	Import/Processing	2008
BASF EH92-527-1 potato	Cultivation	2010

The Ordinance on Labeling of Products that Contain LMOs (“[Gentechnik-Kennzeichnungsverordnung](#)” in German) prescribes the mandatory labeling for products that contain LMOs or consist of mixtures of both modified and non-modified organisms.

The Ordinance on Genetically Modified Seed (“[Saatgut-Gentechnik-Verordnung](#)” in German) prescribes the mandatory labeling for all EU approved GE seed varieties. It sets up a threshold of 0.1 percent for an accidental low-level presence of GE events in conventional or organic seed.

The Ordinance on Thresholds of Certain Genetically Modified Organisms in Feed ([“Futtermittel-GVO-Schwellenwert-Verordnung”](#) in German) sets up a threshold of 1percent for accidental or technically unavoidable contamination of feed with certain (approved) LMOs.

The Ordinance on Seed Production Areas ([“Saatgut-Anbaugebiete-Verordnung”](#) in German) lays down requirements for seed production.

The Ordinance to Limit Emissions in Waste Water Resulting from Work with LMOs ([“AEV Gentechnik - Verordnung zur Begrenzung von Abwasseremissionen aus Arbeiten mit gentechnisch veraenderten Organismen”](#) in German) regulates the limitation for emissions in waste water resulting from work with LMOs in containment.

The Codex Alimentarius Austriacus (in German) contains guidance about the definition of GE-free products. ([“Codexrichtlinie zur Definition der "Gentechnikfreiheit" in German](#)). This guidance applies for foodstuffs that are labeled as "biotech-free".

Federal State Law: In Austria, natural conservation, water sheds, animal breeding, crop cultivation, and fisheries are covered by state laws. In principle, state laws on nature conservation lay down a prohibition of the deliberate release of LMOs into nature.

Biotechnology precautionary bills and biotech free zones (in German) are established in all nine of Austria’s federal states. State-level biotech precautionary bills generally include the authority to pass statutory coexistence measures that protect against “contamination” from biotech crops. All federal states have made amendments to their bills in order to implement “opt out” legislation and prevent their territories from biotech crop cultivation.

vi. Timeline for approvals: See current EU Agricultural Biotechnology Annual Report which can be found at the [FAS GAIN Report Data Base](#).

vii. If no regulations in place – discussion: n/a

b) APPROVALS: With the implementation of the “opt-out” clause, Austria now bans all approved GE crop varieties under this provision for cultivation on its territory.

c) STACKED OR PYRAMIDED EVENT APPROVALS: Austria abides by the approvals of the EU which regulates stacked and pyramided events separate from single events. However, in principle Austria is against the approval of all biotech events which means that Austria would not vote for the approval of stacked or pyramided events.

- d) **FIELD TESTING:** Austria does not carry out biotech crop field trials except for very small scale trials, which are only in contained areas. Theoretically, Austria has regulations on how to apply and how to approve biotech field trials. Since Austria opted out from planting biotech crops it is practically impossible to apply for field testing of biotech crops. In the past, there have been very limited confined trials, primarily on fruit trees.

- e) **INNOVATIVE BIOTECHNOLOGIES:** So far, there is no Austrian regulation on “New Breeding Techniques” in plant production. Some Austrian officials express that anything created through biotech technologies should be treated (aka regulated) as “GMO” product, in line with the recent ruling from the Court of Justice of the European Union. However, within informed stakeholder groups like scientists, seed breeders, seed traders and partially farmer’s representatives, the acceptance for innovative biotechnologies is much higher than for traditional GE crops and many of these stakeholders appreciate the benefits those techniques could bring. Currently innovative biotechnologies are not widely discussed in the public.

- f) **COEXISTENCE:** Austria has no federal coexistence law but all nine provinces implemented precautionary bills that include coexistence regulations. The Austrian Agriculture Ministry commissioned an expert team consisting of representatives of the Federal States, the Chambers of Agriculture, the Austrian Agency for Health and Food Safety, and the Agriculture Ministry. In addition, an enlarged team with representatives from breeders associations, the seed production sector, and consumers was included to develop recommendations for a national strategy on coexistence. The expert group worked on developing uniform Austria-wide guidelines for coexistence management to help state authorities decide whether cultivation of biotech crops is possible in a given case and under which conditions such cultivation can be permitted (e.g. minimum isolation distances from non-biotech crops). These guidelines will be published if an actual need to establish a segregation distance for a proposed planting arises.

Within the Austrian agricultural community, many maintain that biotech crops pose a hazard to both organic and conventional farming. Austrians, including the vast majority of farmers, think that coexistence of biotech crops and conventional crops is impossible in Austria due to its small-scale farm structure.

- **Liability** The Biotechnology Act also serves to makes producing biotech crops unattractive. Specifically, the Biotech Act foresees a) comprehensive compliance with the precautionary principle; b) “duty of care” against unintended mingling of biotech and non-biotech crops; c) the introduction of a “biotechnology register” to record dates and places of the release of biotech crops, and most important; d) liability and compensation rules regarding perceived damage from biotech crops neighboring conventional or organic farmers. The law considers the presence of biotech DNA to be a basis for harm, rather than physically demonstrable damage.

- g) **LABELING:** EU regulations for labeling GE food are fully implemented in Austrian law. The Austrian Ordinance on Labeling of Products that Contain LMOs ([“Gentechnik-Kennzeichnungsverordnung”](#) in German) prescribes the mandatory labeling for products that contain LMOs or consist of mixtures of both “GMO” and “non-GMO” products. This regulation does not apply to “novel foods” (novel food is a type of food that does not have a significant history of consumption or is produced by a method that has not previously been used for food), pharmaceuticals or products that are only destined for contained use or scientific purposes. Regulations only require the labeling of food where GE crops are used as ingredients. Meat or dairy products deriving from animals fed with GE feed do not require GE labeling which Austrian anti-biotech NGOs constantly criticize. The Austrian GE-free labels may only be used for meat and dairy products deriving from animals only fed by GE -free feed.
- **Voluntary Label “GMO-Free”:** There is an Austrian label for biotech free products issued by [“ARGE Gentechnik-frei”](#) (Platform for “GMO-Free” Food Products – in German) which follows the requirements for biotech-free food products laid down by the Austrian food codex. The label states “produced without biotech” (“ohne Gentechnik hergestellt”). Currently more than 3,500 products are labeled under this voluntary program. Companies who want to use the “GMO-Free” label on their products must apply for each product with this platform and prove that the requirements for biotech-free production are met. Major products are milk and dairy products (cows must not be fed by GE feed), bread and bakery products, eggs (laying hens must not be fed by biotech feed), soybean products, meat, fruits and vegetables.



- **Danube Soya Initiative:** To help support demand for meat from animals produced with non-biotech feeds, Austria is promoting the local production of soybeans and supports the [“Danube Soya Initiative”](#) to increase the production and processing of non-biotech soybeans in the Danube region. Austrian dairy, egg and most of the broiler producers agreed to only use of GE-free soybean products in feed rations. The Austrian egg industry agreed on only using soybeans certified under the Danube Soy Initiative in their laying hen’s feed rations. This is a result of pressure from the Austrian retail sector that uses the label “GMO-Free” for promoting its products.

- h) MONITORING AND TESTING:** The Austrian federal state authority ensures compliance with requirements regarding GE products in food and feed and related labeling regulations. Food inspectors of the federal states take for analysis food, feed, and seed samples at processing and from trading companies. The number of samples to be tested is risk based and laid down in a control plan. Either the food testing institutes of the federal states or the Austrian Agency for Health and Food Safety ([AGES](#) – in German) carry out the actual testing. The competence for monitoring seeds and propagating material is with the Federal Office for Food Safety.
- i) LOW LEVEL PRESENCE (LLP) POLICY:** Austria does not have its own policy for LLP. It does follow the “technical solution” guidance that defines zero as an allowance of 0.1 percent, as outlined in [EU Regulation 619/2011](#). This regulation lays down the methods of sampling and analysis of official control of feed regarding the presence of GE material for which an authorization procedure is pending or the authorization has expired.
- j) ADDITIONAL REGULATORY REQUIREMENTS:** none
- k) INTELLECTUAL PROPERTY RIGHTS (IPR):** A range of laws safeguards the protection of intellectual property in Austria. Regulations for intellectual property are laid down in the Austrian Patent Act, the Copyright Act, the Industrial Design Act and the Trademark Protection Act. However, Austria is against patents on plant varieties and animals, and so has no protections in place.
- l) CARTAGENA PROTOCOL RATIFICATION:** Austria signed the Cartagena Protocol on May 24, 2000. It was ratified in August 2002 and entered into force on September 11, 2003. The Federal Environment Agency (“[Umweltbundesamt](#)” – in German) acts as the National Focal Point and Biosafety Clearing House in the framework of the Cartagena Protocol on Biosafety.
- m) INTERNATIONAL TREATIES AND FORUMS:** Austria is a member of several international organizations dealing with food and plants. Most importantly the Organization for Economic Co-operation and Development, Food and Agriculture Organization of the United Nations, European and Mediterranean Plant Protection Organization, and Codex Alimentarius. Austria always takes an anti-biotech position in these organizations.
- n) RELATED ISSUES:** The Austrian government supports the introduction of socio-economic criteria for GE products and was a leading driver for the introduction of the opt-out clause for member states to independently decide whether they want to cultivate GE crops or not. The Austrian government did not support the opt-out for use proposal.

PART C: MARKETING

- a) **PUBLIC/PRIVATE OPINIONS:** Driven by a generation of anti-biotech NGOs and government messaging, the average Austrian consumer has a very negative attitude towards crops and food derived from biotech crops. Food products that must be labeled “biotech” do not sell in Austria.

Years of controversy have produced a large number of polling studies on Austrian and European attitudes toward GE crops. A very comprehensive study comes from the European Commission/Eurostat and is titled, “[Europeans and Biotechnology – Winds of Change? \(2010\)](#).” There are four findings from this study relative to the marketing of U.S. agricultural products. 1) Opposition to GE foods is high and steady over time; 2) The level of support for GE foods is declining; 3) Familiarity with the technology or science does not improve attitudes; and 4) Educating consumers does not increase GE crop acceptance (implying that messaging is more important than facts).

- b) **MARKET ACCEPTANCE/STUDIES:** Because of the anti-biotech attitude of Austrian consumers the Austrian retail sector agreed to refrain from stocking or selling biotech foods. Anti-biotech NGOs, farmer’s organizations, the food-processing sector, and the retail sector carry out anti-biotech campaigns promoting GE-free food.
- **Campaigning for “GMO-Free” Food:** Anti-biotech NGOs, the Austrian government and increasingly, the retail sector and the food industry are promoting biotech-free food products. According to the Austrian food codex, which provides criteria for labeling requirements for biotech free products, meat, eggs, and dairy can only be labeled “biotech-free” if produced from animals fed biotech-free feed. Several years ago, a few Austrian dairies began promoting biotech milk. Today, all milk produced in Austria meets the requirements for biotech free production. As of October 2010, most Austrian fresh egg production, and as of January 2012 most Austrian broiler production use biotech free feeds.

Some Austrian related data can be found in the latest special [Eurobarometer](#) publication on GE food products. [Austrian studies related to GE products \(in German\)](#) can be found at the website of the Austrian health ministry.

CHAPTER 2: ANIMAL BIOTECHNOLOGY

PART D: PRODUCTION AND TRADE

- a) **PRODUCT DEVELOPMENT:** There is no research on GE and cloned animals for the food market in Austria. However, GE- and cloned laboratory-animals are used for medical and pharmaceutical research, mainly at universities. One focus of GE and cloned animal research is on ‘gene farming’ for cancer medication.
- b) **COMMERCIAL PRODUCTION:** There is no commercial production of GE or cloned animals in Austria
- c) **EXPORTS:** There are no exports of GE or cloned animals from Austria
- d) **IMPORTS:** There are no imports of GE or cloned animals to Austria.
- e) **TRADE BARRIERS:** See current EU Agricultural Biotechnology Annual Report which can be found at the [FAS GAIN Report Data Base](#).

PART E: POLICY

- a) **REGULATORY FRAMEWORK:** As an EU member, EU regulations on animal biotechnology and cloning of animals apply to Austria. Austria does not have any further specific regulations on animal biotechnology and cloning of animals but public opinion towards those techniques is expected to be even more hostile than towards plant biotechnology. The Austrian government expressed that animal cloning should not be used for food production.
- i. **Responsible Government Ministries**
 - Federal Ministry of Labor, Social Affairs, Health, and Consumer Protection ("[Bundesministerium für Arbeit, Soziales, Gesundheit und Konsumentenschutz](#)"- in German). This Ministry is responsible for reviewing and approving the contained use and deliberate release applications from industry and research institutions except universities.
 - Austrian Federal Ministry of Education, Science and Research ("[Bundesministerium für Bildung, Wissenschaft und Forschung](#)" – in German). Responsible for reviewing and approving contained use and deliberate release applications from universities.

- Federal Ministry for Sustainability and Tourism ("[Bundesministerium für Nachhaltigkeit und Tourismus](#)" – in German). Overall regulatory responsibility for animal husbandry. This includes reviewing and approving of applications.
 - Federal Environment Agency ("[Umweltbundesamt](#)" – in German). Responsible for technical issues with the animal husbandry and would provide comments in cases of a deliberate release and of placing products on the market.
- ii. Political Factors:** All major Austrian political parties consistently vote against the use of agricultural biotechnology. The latest Austrian [government policy plan – in German \(2017\)](#) by the two coalition parties, the “People’s Party” (OeVP), and the “Freedom Party” (FPÖ) includes a commitment to ensure GE-free agricultural cultivation. The current policy plan is valid through 2022. Biotech and cloned animals are an even more sensitive issue in the Austrian political environment. Currently there is no public discussion on biotech and cloned animals.
- iii. Legislation with potential to affect U.S. exports;** See current EU Agricultural Biotechnology Annual Report which can be found at the [FAS GAIN Report Data Base](#).
- iv. If no legislation – discussion:** n/a
- v. Biotech regulations:** Please see [Regulatory Framework](#) Section in the plant chapter.
- b) APPROVALS:** See current EU Agricultural Biotechnology Annual Report which can be found at the [FAS GAIN Report Data Base](#).
- c) INNOVATIVE BIOTECHNOLOGIES:** So far, there is no Austrian regulation on “New Breeding Techniques” for use in animals and no official opinion on whether they should count as biotech or not.
- d) LABELING AND TRACEABILITY:** There are no regulations on GE animals or animal clones. Government officials express the need for labeling and traceability of animal clones.
- e) INTELLECTUAL PROPERTY RIGHTS (IPR):** Regulations for intellectual property are laid down in the Austrian Patent Act, the Copyright Act, the Industrial Design Act and the Trademark Protection Act. Austria is against patents on animals, and so has no protections in place.

- f) **INTERNATIONAL TREATIES AND FORUMS:** Austria is a member of several international organizations dealing with animals and food deriving from animals like most importantly the OIE (World Organization for Animal Health, FAO (Food and Agriculture Organization of the United Nations), and Codex Alimentarius. Austria always takes an anti-biotech position in these organizations.
- g) **RELATED ISSUES:** n/a

PART F: MARKETING

- a.) **PUBLIC/PRIVATE OPINIONS:** It can be expected that the acceptance of GE animals is even lower than the already very negative opinion towards GE plants.
- b.) **MARKET ACCEPTANCE/STUDIES:** There is very little awareness of GE animals in the Austrian public. There are no Austrian specific marketing studies regarding GE animals