



PHYTO-CANNABINOIDS SWISS LEGAL MARKET

OPPORTUNITIES FOR THE AGRICULTURAL SECTOR

POINT OF VIEW OF A SWISS ENTREPRENEUR

Cédric Heeb, Entrepreneur, Cannabis & Sustainability

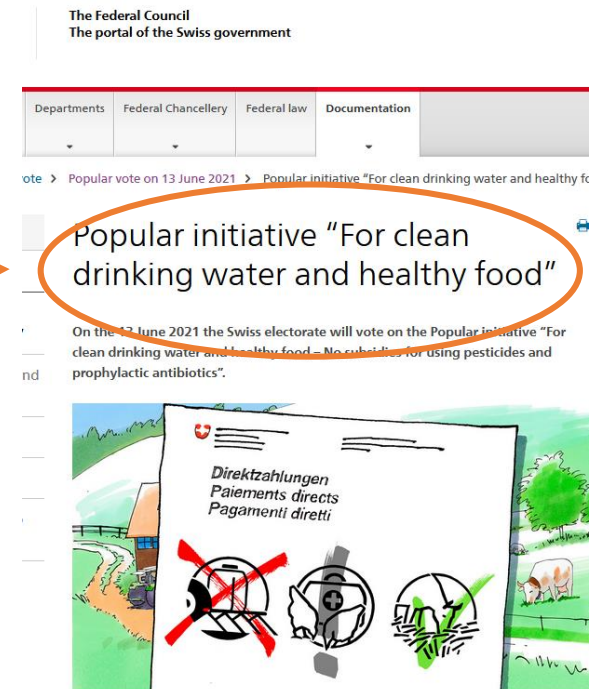
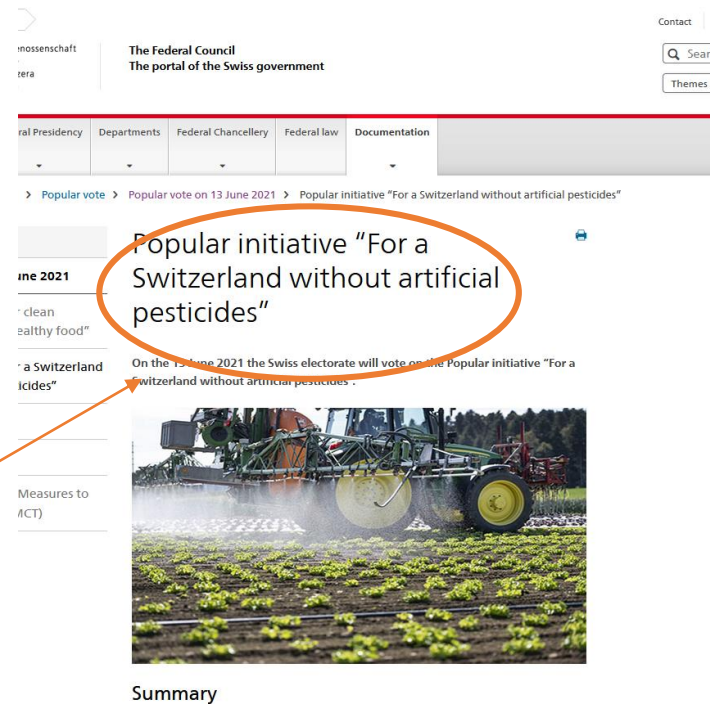
CEO of PhytoGroup (PhytoXtract SA), Geneva, Switzerland

Board Member of IG Hanf, the Swiss interbranch Hemp Association



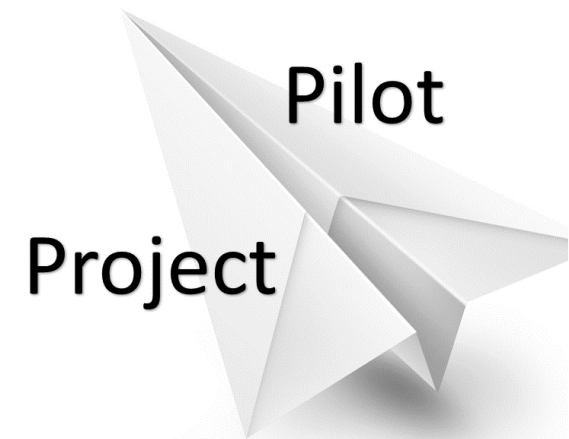
POPULAR VOTE ON 13 JUNE 2021

- Hemp uses no pesticides
- Hemp does not pollute water
- Hemp does not contribute to CO2 global emissions



THE FUTURE OF CANNABIS REGULATION IN SWITZERLAND

- ~2022 - Pilot trials with cannabis
 - <https://www.bag.admin.ch/bag/en/home/gesund-leben/sucht-und-gesundheit/cannabis/pilotprojekte.html>
- ~2023-2025 - Parliamentary Initiative n°20.473 - Regulating the cannabis market to better protect youth and consumers
 - <https://www.parlament.ch/en/ratsbetrieb/suche-curia-vista/geschaeft?AffairId=20200473>



FEDERAL OFFICE FOR AGRICULTURE

[01.01.2021 – CHANGES]

From 01.01.2021, the following applies: The agricultural production of hemp is allowed, provided it isn't classified as a narcotic. All provisions of the seed legislation relating to the production and sale of hemp seed and seedlings are repealed

EU-catalogue

- Low-THC and Low-CBD strains

CH-"no" catalogue

- High-CBD <1%THC strains
- more CBD per m2 -> higher CBD value per m2
- Good for medical / recreational, novel food



FEDERAL FOOD SAFETY AND VETERINARY OFFICE [CURRENT]

Hemp (*Cannabis sativa* L.): Not a novel foodstuff

- Hemp seeds;
- Hemp seed oil;
- Hemp seed flour;
- defatted hemp seed.

For these products it could be proved that they were already used as foodstuffs in the EU prior to 15 May 1997. Accordingly, they are not subject to authorisation.

Cannabinoids, in particular cannabidiol (CBD)

Up to now a significant degree of consumption of the individual substances of the cannabinoids as a foodstuff prior to the 15 May 1997 has been proven neither in Switzerland nor in the EU. Therefore, the following substances are judged as novel foodstuffs:

- Cannabinoids from hemp plants (*Cannabis sativa* L.);
- Cannabinoids from any other plant that contains cannabinoids;
- Synthetically produced cannabinoids.

Tétrahydrocannabinol, Delta 9-	articles de petite boulangerie, articles de biscuiterie et de biscotterie	2 mg/kg	produits avec ingrédients de chanvre; rapporté à la matière sèche
"	boissons alcooliques	200 µg/kg	sauf boissons spiritueuses ; produits avec ingrédients de chanvre
"	boissons sans alcool	200 µg/kg	produits avec ingrédients de chanvre ; rapporté à la préparation telle que consommée
"	boissons spiritueuses	5 mg/l	produits avec ingrédients de chanvre ; rapporté à l'alcool pur
"	denrées alimentaires végétales	1 mg/kg	autres; produits avec ingrédients de chanvre ; rapporté à la matière sèche
"	graines de chanvre	10 mg/kg	rapporté à la matière sèche
"	huile de graines de chanvre	20 mg/kg	
"	pâtes alimentaires	2 mg/kg	produits avec ingrédients de chanvre ; rapporté à la matière sèche
"	plantes et fruits à infusion	200 µg/kg	produits avec ingrédients de chanvre ; rapporté à la préparation telle que consommée, 15 g de plantes par kg d'eau, verser de l'eau bouillante et maintenir pendant 30 minutes à plus de 85 °C

20mg/KG = 0,002 %

LEGAL FRAMEWORK [21.04.2021 UPDATES]

- CBD is a medical molecule
 - Ok in Epidiolex®
 - Ok in Magistral recepture
- CBD is not approved
 - Not possible as novel food

The screenshot shows the SWISSmedic website interface. At the top, there is a navigation bar with links for Contact, Media, Job vacancies, eGov portal (applications), EIMS, and language options (DE, FR, IT, EN). Below this is a header section with the SWISSmedic logo and its name in multiple languages: Schweizerisches Heilmittelinstitut, Institut suisse des produits thérapeutiques, Istituto svizzero per gli agenti terapeutici, and Swiss Agency for Therapeutic Products. A search bar is located on the right side of the header. Below the header is a main navigation menu with categories: Latest News, Human medicines, Veterinary medicines, Complementary & herbal medicines, Medical devices, Services & lists, and About us. The breadcrumb trail indicates the current page is 'Home > Latest News > General communications > Products containing cannabidiol (CBD) – overview'. The left sidebar contains a 'General communications' section with links for 'Current information on therapeutic products safety' and 'Archive'. The main content area is titled 'Products containing cannabidiol (CBD) – overview' and contains the following text:

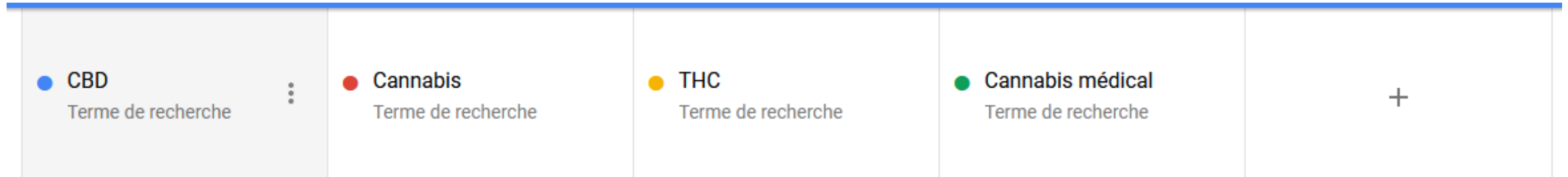
Implementation guide by the technical platform for delimitation issues of the FOPH, the FSVO and Swissmedic

Products containing cannabidiol (CBD) are gaining popularity in Switzerland. Unlike THC (tetrahydrocannabinol), CBD is not subject to the Narcotics Act because it does not produce a comparable psychoactive effect. However, this does not mean that CBD can simply be added to random preparations at will or advertised arbitrarily.

Products can only be marketed legally if they comply with the legislation of the country where it is placed on the market. Depending on the classification, the corresponding Swiss legislation is applied.

This Information sheet provides an overview of the various CBD-containing raw materials and products offered by suppliers and their classification and marketability according to the current legal situation. It is intended primarily as an implementation guide for identifying the competent authorities and promoting consistent implementation. At the same time, it aims to raise awareness of the legal requirements among possible suppliers.

SWISS MARKET DEVELOPMENT



Suisse ▼

01/01/2011 – 31/12/2020 ▼

Toutes catégories ▼

Recherche sur le Web ▼

Évolution de l'intérêt pour cette recherche ?



1%



<https://trends.google.fr/trends/explore?date=2011-01-01%202020-12-31&geo=CH&q=CBD,Cannabis,THC,Cannabis%20m%C3%A9dical>

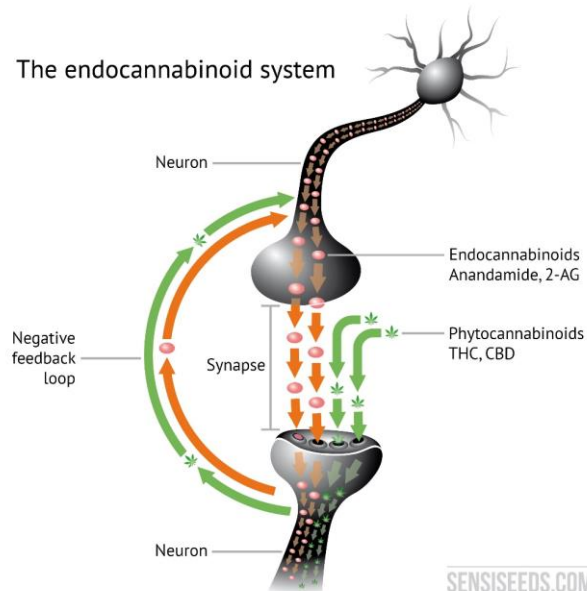
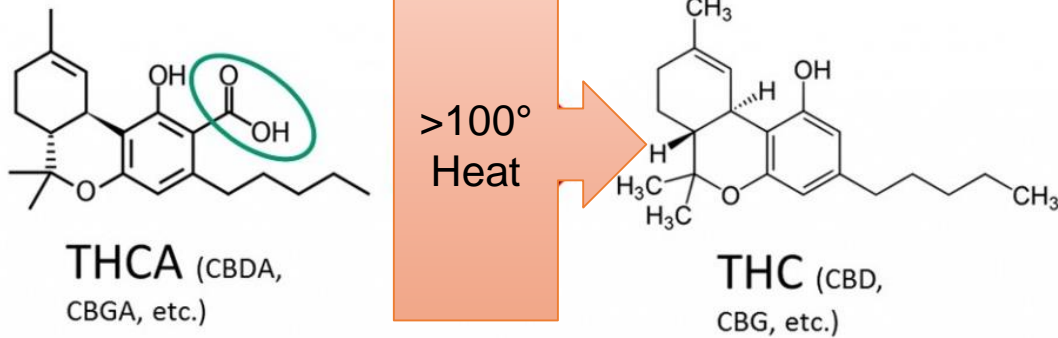


SWISS CANNABIS MARKET CBD FLOWERS CURRENT FOCUS

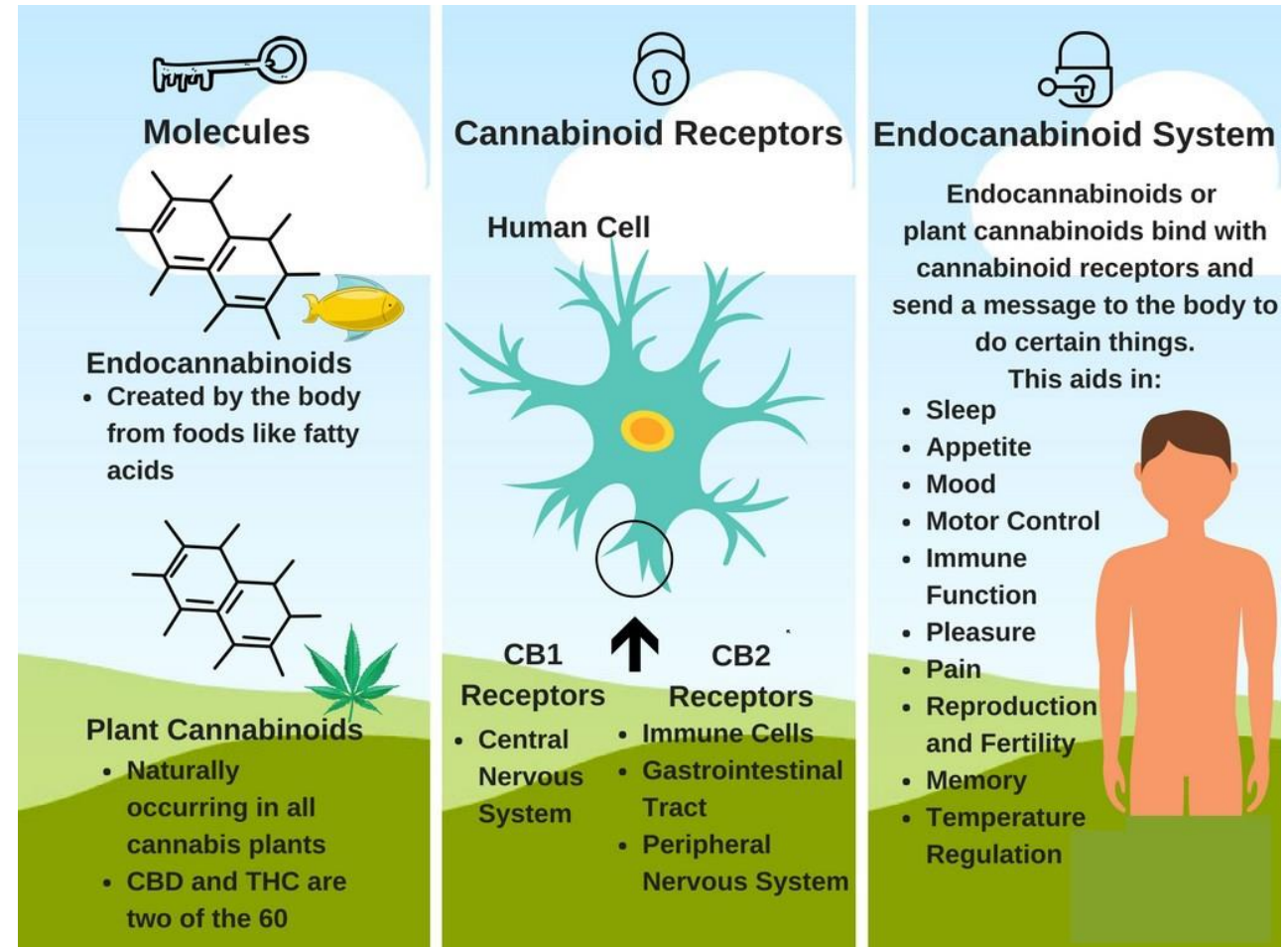




SWISS CANNABIS MARKET CANNABINOIDS CURRENT FOCUS



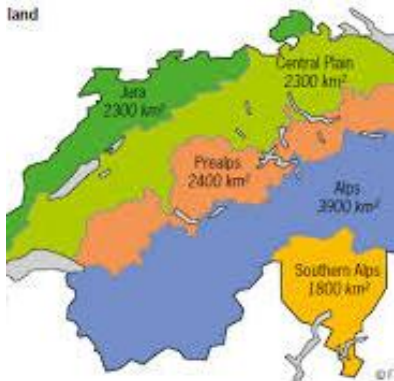
SENSISEEDS.COM





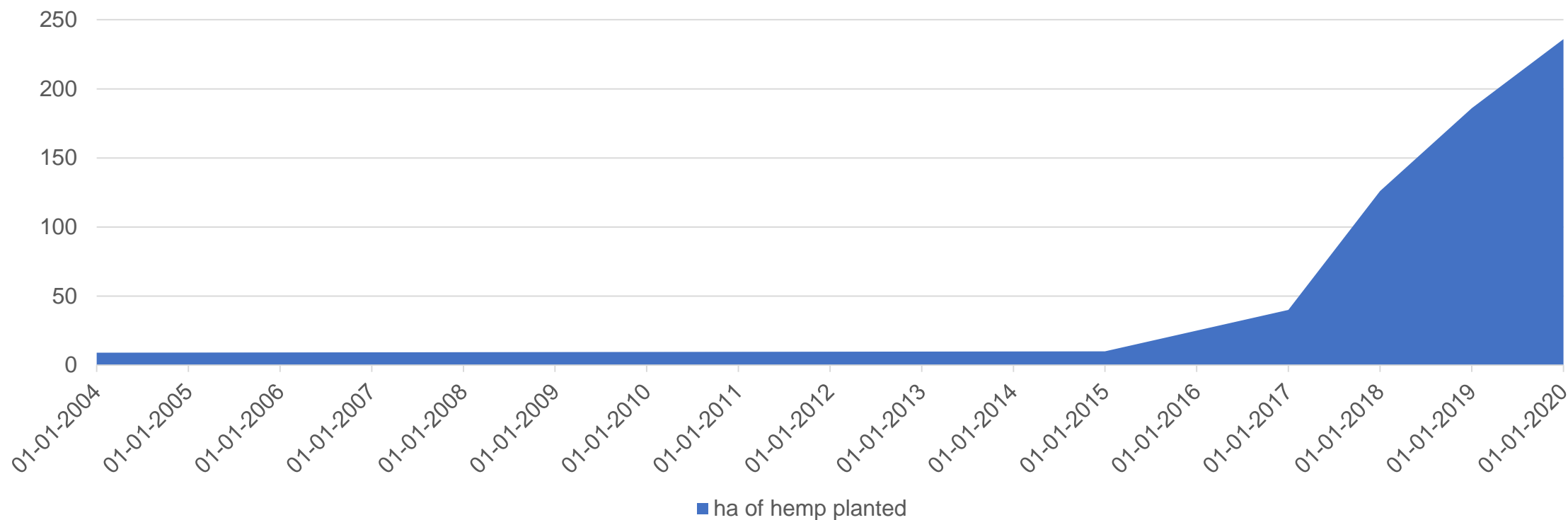
SWISS HEMP MARKET OTHER FOOD AND COSMETICS





AGRICULTURAL FOOTPRINT

ha of hemp planted in Switzerland – Farmers Only





INDUSTRIAL ACTORS

CULTIVATION

GREENHOUSE
INDOOR
OUTDOOR

- FLOWER
- BIOMASS



MANUFACTURING



DISTRIBUTION

- POST PROCESSING
- PACKAGING



DELIVERY

PRODUCTS SOLD
TO END USER



RETAIL

PRODUCTS SOLD TO
END USER



TESTING

- PRODUCTS MUST PASS
LAB TEST TO ENTER

- FAILED PRODUCTS
MUST BE DESTROYED OR
REMIEDIATED BY
DISTRIBUTION/
MANUFACTURING

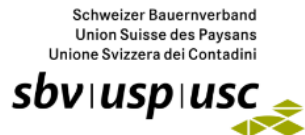




HEMP INDUSTRY STAKEHOLDERS

Group

-> voice



Label

-> customer focused



Normalize

-> industry focused



Control*

-> authorize & audit



Regulate

-> political actions





- Federal Office for Agriculture (FOAG)
 - <https://www.blw.admin.ch/blw/en/home/nachhaltige-produktion/pflanzliche-produktion/hanf.html>
- Federal Office of Public Health (FOPH)
 - <https://www.bag.admin.ch/bag/en/home/gesund-leben/sucht-und-gesundheit/cannabis.html>
- Cannabis-Consensus
 - <https://cannabis-consensus.ch/>
- Swiss hemp industry association
 - <https://ighanf.ch/en/>
- Swiss medical cannabis network
 - <https://cannabis-therapeutics.ch/blog/>