

List of Projects 1995-2022

Aftercare projects at a closed hazardous landfill

Okt. 2007–Juli 2022

Syngenta Crop Protection AG, Basel

Senior management and supervision of aftercare projects at the closed hazardous landfill „Sondermülldeponie Teuftal der Basel Chemischen Industrie (BCI)“, Mühleberg, Bern, Switzerland.

Environmental projects and development projects at a production site concerning investigations, risk assessments, monitoring and remediation of contaminated sites and landfill sites

Jan. 2010–Juli 2022

Syngenta Crop Protection AG, Basel

Senior project management of different environmental provision projects and development projects at the production site in Monthey concerning investigations, risk assessments, monitoring and remediation of contaminated sites landfill sites, old wastewater discharge system units (old canalization, discharge channels, old settling cones and ponds), and several contaminated sites from old production activities.

Environmental projects concerning contaminated sites at and around a production site including investigations, risk assessments, monitoring and remediation of the site's areas

Okt. 2007–Juli 2022

Syngenta Crop Protection AG, Basel

Environmental provision projects concerning contaminated sites at and around the production site in Dielsdorf near Zürich, Switzerland, including investigations, risk assessments, monitoring and remediation of the site's areas.

Environmental projects concerning investigations, risk assessments and monitoring measures of a contaminated accident site

Okt. 2007–Juli 2022

Syngenta Crop Protection AG, Basel

Environmental provision projects in cooperation with a „third party“ firm (site owner) concerning investigations, risk assessments and monitoring measures of the contaminated accident site „Schweizerhalle“, Muttenz, Switzerland.

Environmental projects regarding investigations and monitoring of a municipal landfill

Okt. 2007–Juli 2022

Syngenta Crop Protection AG, Basel

Expert guidance for project management team „Rothausstrasse“ regarding investigations and monitoring of the municipal landfill Rothausstrasse in Muttenz, Basel, Switzerland.

Management and steering support concerning the remediation of a hazardous landfill

Okt. 2007–Juli 2022

Syngenta Crop Protection AG, Basel

Expert guidance for the “Konsortiale Kölliken” (steering body) concerning the remediation of the hazardous landfill in Kölliken, Switzerland (project management through the remediation organization SMDK).

Management and steering support regarding a complex remediation of a hazardous landfill

Sept. 2008–Juli 2022

Syngenta Crop Protection AG, Basel

Project supervision at steering level regarding the remediation of the hazardous landfill in Bonfol, Switzerland.

Management and steering support regarding the remediation of a municipal landfill

Okt. 2007–Juli 2022

Syngenta Crop Protection AG, Basel

Expert guidance to the project management team “Konsortium Feldreben” regarding the remediation of the municipal landfill Feldreben in Muttenz, Basel, Switzerland.

Investigations, risk assessments, remediation project proposal, remediation decree.

The organization “Konsortium Feldreben” has been dissolved after claims against the remediation decree have been placed by an adjacent community and other stakeholders in 2016. During the dispute, expert opinions were provided for supporting the legal process. Still ongoing in 2021, while possible solutions/agreements are presently (2022) worked out between the main stakeholders.

Environmental due diligence including investigations and risk assessments related to purchasing a production building at a ‘shared’ industrial site

Jan. 2019–Dez. 2021

Syngenta Crop Protection AG, Basel

Environmental due diligence guidance (including investigations and risk assessments) related to a purchase of a production building at the ‘shared site’ industrial site ‘Schweizerhalle’, Muttenz, Switzerland.

Environmental projects concerning several environmental liability issues at French production sites

Jan. 2017–Dez. 2021

Syngenta Crop Protection AG, Basel

Senior project management concerning several environmental liability issues at production sites in France (investigations, risk assessments, monitoring and remediation measures of contaminated sites and landfill sites).

Environmental projects regarding several site redevelopment and property sales projects

Okt. 2007–Dez. 2021

Syngenta Crop Protection AG, Basel

Environmental projects supervision and expert guidance regarding several site redevelopment and sales projects of peripheral properties and core area at the Dielsdorf site near Zürich, Switzerland.

Environmental projects regarding the investigation, remediation and aftercare of a mixed landfill

Okt. 2007–Dez. 2021

Syngenta Crop Protection AG, Basel

Supervision of environmental provision projects regarding the investigation, remediation and aftercare of the landfill Roemisloch in Neuwiler, Alsace, France (remediation organization GIDRB - group d'interest des décharches regional Bale). The remediation was finalized in 2012, aftercare and monitoring were on-going for many years.

Environmental projects concerning remedial measures and monitoring at a production site

Okt. 2007–Dez. 2020

Syngenta Crop Protection AG, Basel

Environmental provision projects in cooperation with the “shared site” firm concerning remedial measures and monitoring at the production site Schweizerhalle in Muttenz, Switzerland.

Environmental due diligence regarding possibly contaminated buildings and/or property

Jan. 2014–Dez. 2018

Syngenta Crop Protection AG, Basel

Expert guidance regarding possibly contaminated buildings and/or property (due diligence) on agricultural test sites in Switzerland in view of site reinvestments, redevelopments and/or sales projects.

Environmental projects regarding the investigation, remediation and aftercare of a mixed landfill

Okt. 2007–Dez. 2018

Syngenta Crop Protection AG, Basel

Supervision of environmental provision projects regarding the investigation, remediation and aftercare of the landfill Le Letten in Hangental-Le-Bas, Alsace France (remediation organization GIDRB - group d'interest des décharches regional Bale).

Environmental project supervision regarding a contaminated landfill site

Jan. 2010–Dez. 2017

Syngenta Crop Protection AG, Basel

Project supervision regarding the contaminated landfill site Lippsgrube in Weil-am Rhein, Germany.

Environmental projects concerning investigation, risk assessments, monitoring and voluntary in-situ measures at a contaminated accident site

Jan. 2012–Dez. 2016

Syngenta Crop Protection AG, Basel

Project management concerning investigation, risk assessments, monitoring and voluntary in-situ measures at the contaminated accident site „Schweizerhalle“, Muttenz, Switzerland.

Environmental study concerning the implementation of the Swiss groundwater protection ordinance related to landfills

Jan. 2014–Dez. 2015

Syngenta Crop Protection AG, Basel

Expert guidance and project steering within the technical cooperation between two BCI firms concerning a study for implementing the Swiss groundwater protection ordinance related to landfills.

Environmental study regarding site specific GIS data integration for the development of a Conceptual Site Model, sustainability options and risk scenarios of a Swiss landfill

Feb. 2008–März 2009

Syngenta Crop Protection AG, Basel

Management of a project (US consultancy) regarding site specific GIS data integration for the development of a Conceptual Site Model of a Swiss landfill including subsurface hydrogeology and contaminant transport for clarifying the risk pathways of specific site contaminants in relation to remediation options. The results were discussed using a multi-criteria Decision Consequence Analysis (DCA) taking into account regulatory expectations, risks, compliance, future land use, carbon footprint and nuisance categories.

Environmental impact assessment reporting (Umweltverträglichkeitsbericht) of a gravel pit and landfill sites

Jan. 2006–Dez. 2006

Assoziiert mit CSD INGENIEURE AG, Bern

Environmental impact assessment reporting (Umweltverträglichkeitsbericht) of a gravel pit and landfill site for inert materials at Dieboldsbach, Inerstoff-deponie Eggwil, Wyss AG, Eggwil.

Implementation of strategic controlling procedures concerning mineral oil storage tanks.

Okt. 2005–Dez. 2006

CSD INGENIEURE AG, Bern

Consulting mandate for the implementation of strategic controlling procedures concerning mineral oil storage tanks of armasuisse Immobilien AG (conformity of storage tanks), armasuisse Immobilien AG, Bern.

Evaluation of hazardous incidents and after-care actions at landfill sites

Jan. 2006–Dez. 2006

CSD INGENIEURE AG, Bern

Re-evaluation of hazardous incidents and after care actions of three landfill sites in the canton of Solothurn, Amt für Umwelt des Kt. Solothurns

Risk assessment procedures for a hazardous landfill

Okt. 2005–Dez. 2006

CSD INGENIEURE AG, Bern

Supporting the risk assessment procedures of a hazardous landfill including planning of monitoring, environmental toxicology and evaluations.

Evaluation project of a Federal Research Program about solar thermal chemistry and hydrogen production

Jan. 2005–Sept. 2006

Energy and Environment Consultant Dr. M. Semadeni

Evaluation project of the Swiss Federal Research Program «Solar Chemistry / Hydrogen», mandated by the Swiss Federal Office for Energy (BfE), Switzerland.

Evaluation of an applied research project concerning the storage of biomass fuels

Jan. 2005–Juni 2006

Energy and Environment Consultant Dr. M. Semadeni

Evaluation of the applied research project “prevention of self-ignition during storage of biomass fuels” of Prof. Dr. Mehri Sanati, Bioenergy Technology Chemistry, School of Technology and Design, Växjö and West University, Sweden

Valuation of the „true value“ of various hydropower plants

Jan. 2004–Dez. 2004

Timesteps GmbH, Affoltern am Albis

Valuation of the „true value“ of various hydropower plants in Switzerland and Austria using the software packet „TS Hydropower“

Research studies on “Risk and Novelty in Energy Scenarios” and „Fusion and the Public Opinion”

Jan. 2003–Dez. 2003

Centre for Energy Policy and Economics (CEPE), ETH-Zürich

“Risk and Novelty in Energy Scenarios”, SERF 3 (socio-economic research on fusion), „Fusion and the Public Opinion”; European Fusion Development Agreement (EFDA), EURATOM.

Research study on “Risk and Novelty in the Cadarache Focus Group”

Jan. 2002–Dez. 2002

Centre for Energy Policy and Economics (CEPE), ETH-Zürich

“Risk and Novelty in the Cadarache Focus Group Study” in cooperation with SCK-CEN (Belgian Nuclear Research Center) and IPSN (Institut de Protection et de Sûreté Nucléaire, France); ‘European Fusion Development Agreement (EFDA), EURATOM.

Study on Research & Development of energy-efficient technologies

Jan. 2002–Dez. 2002

Centre for Energy Policy and Economics (CEPE), ETH-Zürich

“Steps towards a 2000 Watt–Society: Developing a White Paper on Research & Development of Energy-Efficient Technologies”; novatlantis, Dubendorf.

Study on the improvement of the competitiveness of hydropower plants

Jan. 2001–Dez. 2001

Centre for Energy Policy and Economics (CEPE), ETH-Zürich

“Improvement of the Competitiveness of Swiss Hydroelectric Power Plants”; Swiss Federal Office of Energy, Federal Office for Water and Geology, Interest group for hydropower (Interessensgemeinschaft für Wasserkraft).

Study on an integral evaluation of soil remediation technologies

Jan. 1998–Okt. 2000

Natural and Social Science Interface (UNS), ETH-Zürich

“Integral evaluation of gentle soil remediation technologies”; 'SPPU IP Boden' project (SNF program), Zurich.

Study on contaminated site management related to a railway infrastructure

Jan. 1998–Okt. 2000

Natural and Social Science Interface (UNS), ETH-Zürich

“Contaminated site management” related to the Swiss railway company SBB AG, Zurich. The study was initiated in order to provide the scientific basis for the development of a risk assessment tool.

Study on waste and contaminated site management

Jan. 1998–Okt. 2000

Natural and Social Science Interface (UNS), ETH-Zürich

“Waste and contaminated site management”; Amt für Abfall, Wasser, Energie und Luft (AWEL), Zurich.

Behavior and fate of organic contaminants during groundwater recharge

Apr. 1995–Jan. 1997

Stanford University, Department of Civil and Environmental Engineering, CA, USA

"Behavior and Fate of Organic Contaminants During Groundwater Recharge with Reclaimed Waste Water and Santa Ana River Water"; Orange County Water District (OCWD), Fountain Valley, California, USA.

Dehalogenation of haloaliphatic hydrocarbon compounds in the aquatic and terrestrial environment

Apr. 1995–Jan. 1997

Stanford University, Department of Civil and Environmental Engineering, CA, USA
