

Consulting of the Nicaraguan National Cleaner Production Centre (1998-2000)

General and specific CP-training for the national consultants, consulting of companies, company visits and project supervision.

- PEPSI/ENSA (food industry, soft drink bottling plant)
- IUCASA (pulp and paper industry)
- Casa Pellas (car repair shop)
- Tip-Top Industrial (chicken breeding and manufacturing)
- Pollo Estrellas (chicken breeding and manufacturing)
- Café Soluble (production of soluble coffee)
- Cervezeria Victoria (brewery)
- Quimica Borden (chemical industry)

CP demonstration project following the ECOPROFIT model at the Brazil Cleaner Production Centre in Porto Alegre (start: 8/96)

This project is commissioned by the UNIDO and carried out by STENUM consultants in cooperation with the Brazil National Cleaner Production Centre (BCPC). The Centre selected the metal machine sector for the first demonstration project.

- Amalcarburio (Mechanometallurgical Industry)
- Jachwal (Mechanometallurgical Industry)
- Lupatech (Mechanometallurgical Industry)
- Hoff (Re-Trader of tyres)
- Pigozzi (Mechanometallurgical Industry)
- Valcareggio (Galvaniser)

Realisation of ÖKOPROFIT Projects in the Czech and Slovak Republics

The projects are commissioned by the UNIDO and carried out in cooperation with the National Cleaner Production Centres (NCPs) in Prague and Bratislava in the following cities:

Decin/Czech Republic (4/95 - 2/96)

- Automobilova doprava CETRANS a.s. (Traffic Company)
- CSPL a.s., Lodenice Kresice (Shipyard)
- DAYMOON Decin a.s. (Galvaniser, Surface Finishing)
- Dopravní podnik města Decina (Local Bus Service)
- GAMA TISK (Printing Industry)
- Kovocas v.d. (Galvaniser, Surface Finishing)
- Sempra a.s. (Hot Zinc Surface Coating)

Zlin/ Czech Republic (8/95 - 6/96)

- Zlínská Nemocnice (Hospital)
- Deza a.s. Organik Otovice (Chemical Industry)
- Zellinger Lubomir a.s. (Plastics Processing)
- Fotografia a.s. (Photo-services)

STENUM

- Barumtech a.s. (Rubber and Tyre Production)
- Zeman a.s. (Footwear Production)
- Kozeluzny Otrokovice (Tannery)
- Trimex Tesla (Photovoltaic systems)
- Technoplast a.s. (Plastics Industry)

Martin/Slovak Republic (4/95 - 12/95)

- Neografia Ltd (Printing Company)
- SSE Zilina s.c. Enterprise (Public Utility)
- Tatrana bytok Ltd. (Furniture)
- Martin Diesel a.s (Production of Diesel engines)
- Martin Hospital
- Martico Ltd.
- Martinmetal (Metal working Industry)
- Municipality of Nemsova
- Agriculture farm VLARA, Nemsova
- Pivovar Martin Ltd. (Brewery)
- Skloobal Nemsova (Glass Company)
- Belslov Ltd Nemsova (Printing Company)

Trnava/ Slovak Republic (3/96 - 12/96)

- Trnavsky cukrovar a.s. (Food Industry)
- Horden a.s. (Food Industry)
- Trnava spol a.s. (Chemical Industry)
- Skloplast Trnava a.s. (Chemical Industry)
- Tatrachema, vyrobne druzstvo (Chemical Industry)
- ZOS Trnave AG (Machine repairing)
- Figaro Trnava s.r.o. (Food Industry)
- TAZ s.p. Trnava (Machine Building)
- Tamilk Trnava (Food Industry)

ÖKOPROFIT

A Cleaner Production Programme

Joint environmental training and consulting programme for more companies

ÖKOPROFIT- Graz VII, 1999/00 (Waste- and emission minimisation by preventative environmental protection)

- Bilderland GmbH Graz
- CARITAS Berufsfindungskurs
- Destillerie Franz Bauer
- Druckerei Khil
- GGZ Rosenhain
- KNAPP Logistik Automation GmbH
- LINDE Gas GmbH & Co KG
- MEWA Textil-Miet-Service Habsburg Graz GmbH
- Stmk. Krankenanstalten
- Zentrale Krankenhauswäscherei Graz
- Unfallkrankenhaus Graz
- Ventrex Automotive GmbH

ÖKOPROFIT Graz tourism 2000

The well proved ÖKOPROFIT method with workshops, individual consulting and award preparation is adapted in this project branch specifically for restaurants and hotels

ÖKOPROFIT Graz tourism 1999

The well proved ÖKOPROFIT method with workshops, individual consulting and award preparation is adapted in this project branch specifically for restaurants and hotels.

- Hotel Erzherzog Johann
- Glockenspielkeller
- Landhauskeller
- Wartburg
- Schwarzl Freizeitzentrum BetriebsgesmH u. Co KG
- Hotel Ohnime die Gallo
- Café Restaurant El Greco
- Revita
- Hotel Wiesler
- Jugend- und Familiengästehaus

ÖKOPROFIT-Graz VI, 1998/99 (Waste- and emission minimisation by preventative environmental protection) 1997

Coordination of the whole program, realisation of 10 Workshops with the participation of 13 "newcomer" companies, as well as the coaching of 28 former ÖKOPROFIT companies in 5 extra-workshops throughout the year within the ECOPROFIT Club

- ARGE Umwelterziehung (environmental information centre, training for schools)
- AVL List GmbH (development of motors, measuring systems, testing stands, medicine technique)
- Fitnesszentrum „Fühl Dich gut“ (fitness centre)
- Grazer Congress (congress centre)
- Grazer Messe International (Graz international fair)
- Leykam Druck (printing company)
- Magistrat Graz (municipal authority of Graz)
- Abt. 12 - Liegenschaftsverwaltung-Werkstätten
- Slanina GesmbH (electrician)
- Magistrat Graz, Abt. 10/5 – Stadtgartenamt (municipal gardener)
- Magistrat Graz, Abt. 10/1 - Straßen- und Brückenbauamt (municipal road and bridge construction)
- Wirtschaftshof
- VBH Schloß St. Martin

ÖKOPROFIT Graz V (Waste- and emission minimisation by preventative environmental protection) 1997

Coordination of the whole program, realisation of 10 Workshops with the participation of 10 "newcomer" companies, as well as the coaching of 27 former ÖKOPROFIT companies in 5 extra-workshops throughout the year

- Austrian Energy & Environment GesmbH
- ASTRÖ GesmbH
- AUDIT GmbH
- Bundespolizeidirektion Graz
- Büttinghaus Baustoffhandelsges.m.b.H
- Elektrobau Denzel
- Ernst Grein GmbH
- Sanatorium Kreuzschwestern
- Styria Printshop Druck GmbH
- Wirtschaftskundliches Bundesrealgymnasium

ÖKOPROFIT Graz IV (Waste- and emission minimisation by preventative environmental protection) 1996

Coordination of the whole program, realisation of 10 Workshops with the participation of 11 "newcomer" companies, coaching of 19 former ÖKOPROFIT companies in 6 extra-workshops through the year

- Druckerei Styria, Druckzentrum Messendorf (Printing Company)
- Gemeinnützige Öko-Service (Environmental Services)
- Hans Pogl GmbH (Car Repair and Trade)

- Heuberger Eloxieranstalt (Galvaniser)
- Hochschule für Musik und darstellende Kunst (University for Music and Arts)
- Höhere technische Bundeslehranstalt (Technical High School)
- J. Christof GmbH (Metal Construction)
- Kammer für Arbeiter und Angestellte (Chamber of Labour)
- Municipality of Graz (Purchasing Division of the Municipality)
- Stahl- und Walzwerk Marienhütte (Steel-works)
- Wo &Wo Grün GmbH (Roller-Blinds and Shades)

ÖKOPROFIT Graz III (Waste- and emission minimisation by preventative environmental protection) 1995

Coordination of the whole program, realisation of 9 Workshops for the "newcomers" (new companies) as well as the coaching of 13 companies of the ÖKOPROFIT II programme

- Flughafen Graz BetriebsgesmbH (Airport)
- Gärtnerei Herneth (Gardener)
- Geschützte Werkstätte GesmbH (Social-economic Enterprise)
- Großversandhaus Kastner & Öhler Gesellschaft mbH & Co.KG (Mail-order house)
- IKEA Immobilien GesmbH (Shopping Centre)
- Konrad Wittwar GesmbH (Car Repair and Trade)
- Leopold Pharma GmbH (Pharmaceutical Industry)
- Malerbetrieb Url (Painter)
- Milchverarbeitung Desserta Graz (Dairy Industry)
- Reisinger & Sohn Autohandels- und IndustriegesmbH (Car Repair and Trade)
- Steyr-Daimler-Puch Fahrzeugtechnik (Car and Components Producer)
- STROSS OHG (Dry Cleaner)

ÖKOPROFIT Graz II (Waste- and emissions minimisation by preventative environmental protection) 1994

Coordination of the programme and coaching of 11 participating companies within ÖKOPROFIT II (1994)

- Autohaus Jagersberger GesmbH & Co. KG (Car Repair and Trade)
- BAN (Social-economic Enterprise)
- DI Franz Robier Bau-GesmbH (Builders and Contractors)
- ELBAK Batteriewerke GmbH (Battery Production)
- ELDRA Gesellschaft mbH (Electronic Industry)
- IMO-Markt GesmbH (DIY Trade and Service Company)
- Grazer Stadtwerke AG (Energy Utility Company)
- Grazer Verkehrsbetriebe (Public Transport Authority)
- Landesnervenkrankenhaus (Hospital)
- Steirerbrau AG (Brewery)
- Stmk. Gebietskrankenkasse (Public Health)

ÖKOPROFIT Graz I (Waste- and emissions minimisation by preventative environmental protection) 1993

Coordination of the programme and coaching of the companies within ÖKOPROFIT I :

- Alfred Wall AG (Printing company)
- Salis & Braunstein (Car Repair and Trade)
- Steirische Landesdruckerei (Printing company)
- Druckwerk/Druckerei (Printing company)
- J. Hornig/Kaffeerösterei und Lebensmittelhandel (Wholesaler and Coffeeroaster)

a project funded and supported by the City of Graz for the implementation of preventative environmental protection in industrial and business enterprises (1992/93)

ÖKOFIT-SME Feldbach 1997/1998 (Waste and Emission Minimisation through Cleaner production; Regional Networks and Co-operations)

Complete coordination of the programme; 12 workshops plus consulting of 15 companies; emphasis is put on cleaner production at the companies' level as well as regional networking, cooperation and clusters.

- Fleischhof Raabtal (slaughter house)
- Autohaus Uitz Ges.m.b.H. & Co. KG (car repair and trade)
- Feldbacher Konserven GmbH (tinning factory)
- Florian Lugitsch KG (electrical supply)
- Ing. Walter Kniely (car repair and trade)
- Kettele Objekteinrichtungsges.m.b.H. (furniture)
- Baubedarf Teubl GmbH (building trade)
- Herbert Lugitsch u. Söhne Ges.m.b.H. (food industry)

- Müllabfuhr Schauperl Ges.m.b.H.
- Harmtodt Ges.m.b.H. (stone-cutter industry)
- Köhldorfer Ges.m.b.H. (food industry)
- Chamäleon Soz. Ökon. Betrieb (socio-economic company)
- Cserni - Wohnen (furniture)
- Gleichenberger Johannisbrunnen AG (thermal spring)
- Tischlerei Josef Prödl (joiner's company)

ÖKOPROFIT Niederösterreich/Lower Austria

Realisation of 9 workshops with 15 companies (09/96 – 09/97)

- MUT Stockerau/machine building, disposal
- Zisterzienserstift (convent) Zwettl/agriculture, administration
- Eichhorn GmbH/brickwork
- Johann Buhl Bauunternehmung GmbH/building trade
- Brauerei Wieselburg/brewery
- Mayer Sand- und Schottergewinnung, sand and road metal
- Heinisch Arthur GesmbH/textile dye works
- Kainz GesmbH/leather company
- Gugler Ernst/printer
- Ing. Reinberg Holzindustrie GmbH/wood industry
- Georg Fischer Fittings Traisen GmbH/foundry and metal company
- Bäckerei Konditorei Weinberger/ bakery
- Lutz & Cie/Lacke und Holzschutzmittel/ enamels
- Bösendorfer L. GmbH/piano production
- 3M Österreich GmbH/wholesale trade

ÖKOPROFIT Klagenfurt II (Waste- and emission minimisation by preventative environmental protection)

- Steyr Auto Klagenfurt GmbH (Car Repair and Trade)
- Georg Steiner Karosserie-Lackierung-Design (Car Paint- and Bodyshop)
- Metallguß Katz GmbH (Metal-working Company)
- Philips Haushaltsgerätewerk (Electric Industry)
- Autohof Handelsgesellschaft (Car Trade)
- JET Kfz-Reparaturwerkstätte (Car Repair)
- Mc Donald's Mac Drive (Fast Food Restaurant)
- Rieder & Co
- Tischlerei Winkler GmbH (Joiner's workshop)
- Berglandmilch Reg.GenmbH. (Dairy Industry)

- Bank für Steiermark und Kärnten (Bank)
- Green One Tec Kanduth
- Umlauf KG

ÖKOPROFIT Klagenfurt I (Waste- and emission minimisation by preventative environmental protection)

Realisation of 9 Workshops with 8 companies from Klagenfurt (10/94 - 12/95)

- Fleischmann & Petschnig Dachdeckungsgesellschaft m.b.H. (Roofer)
- DI Anton Koschat Ges.m.b.H. (Builders and Contractors)
- ÖAMTC Klagenfurt (Car Service)
- Pago Fruchtsäfte GmbH (Juice Producer)
- Hirsch Armbänder GmbH (Leather)
- Trampitsch & Co. (Car Repair and Trade)
- Umlauf KG (Laundry)
- WANGGO Moderne Textilpflege Ges.m.b.H. (Dry Cleaning)

ÖKOPROFIT Dornbirn (Waste- and emissions minimisation by preventative environmental protection)

Realisation of 9 Workshops with 10 companies of Dornbirn (11/95 - 12/96)

- Auto Gerster GmbH (Car Repair and Trade)
- Tridonic Bauelemente GmbH (Construction elements)
- Zumtobel Licht GmbH (Lighting company)
- Bank für Tirol und Vorarlberg (Bank)
- VRZ Rechenzentrum und Informatik (Computer Centre)
- Sonal Waschmittel (Washing agents)
- Druckerei Wenin OHG (Printing company)
- SPAR Zentrale (Food Chain Store)
- Städtisches Krankenhaus (Hospital)
- Städtisches Wasserwerk (Municipal Waterworks)

PREPARE Styria (Waste- and emission minimisation by preventative environmental protection)

This project comprises the consulting of 13 Styrian companies belonging to the sectors of wood industry, food industry, metal industry, pulp and paper and electronics within the project "Ecoprofit-Styria-Prepare" which was commissioned and funded by the Regional Government of Styria and cofinanced by the Fund of Innovation and Technology (1994/95)

- 1. Obermurtaler Brauereigenossenschaft reg. Gen.m.b.H. (Brewery)
- ADA Polstermöbel GmbH (Furniture)
- J. Reiner GmbH (Food industry)
- Leichtfried GmbH & Co. KG (Textile industry)
- Maschinenfabrik Andritz AG (Machine building)
- Mosdorfer Verzinkerei GmbH (Galvaniser)
- Pengg Breitenfeld Kabel AG (Cables)
- Pumpen Bauer GmbH (Machinery)
- Steirische Elektronik GmbH (Printed Circuit Boards)

- Tischlerei Knaus (Carpenter)
- Tischlerei Ulrich (Carpenter)
- Verzinkerei Zimmermann GmbH (Galvaniser)
- Zellstoff Pöls AG (Pulp and Paper)

PREPARE Austria (Waste- and emission minimisation by preventative environmental protection)

Coaching of three companies within PREPARE-Austria

- Kufner Textilwerke GmbH (Textile Industry)
- Rosendahl Maschinen GmbH (Machine Building)
- Borkenstein & Sohn AG (Textile Industry)

financed by the Federal Ministry for Science, Research and Art and by the Innovation and Technology Fund (1993)

Branch Concept: Printed Circuit Boards

Study about waste minimisation in 4 companies belonging to the printed circuit board industry

- AT&S Leoben/Hinterberg
- Philips/Klagenfurt
- Alcatel/Wien
- ELIN/Weiz

in cooperation with the research centre Seibersdorf and B.A.U.M., financed by the Federal Ministry for Environment (1992/93)