CROP PROTECTION REGULATORY CONFERENCE

22nd - 23rd May 2019

Ghent International Convention Center (ICC)
Van Rysselberghedreef, 2 - 9000 Ghent - BELGIUM

Organised by:

With the support and participation of:

In cooperation with:
THE ECPA REGULATORY CONFERENCE 2019 WILL BE HELD IN GHENT ON 22ND AND 23RD MAY, WITHIN THE FRAMEWORK OF THE IUPAC CONGRESS.

The Conference will again focus on the many challenges in the implementation and application of Regulation 1107/2009 and provides an opportunity for the industry to hear about the latest developments that are affecting and influencing the regulatory environment. The event will also be an opportunity to look at possible future changes in the legislation and discuss future opportunities, in particular in the use of new technologies.

We look forward to seeing you at the conference!

WiFi Network: IUPAC 2019
No password required

Engage with the conversation on Twitter using #ECPAconf2019. Follow and tag @cropprotection in your tweets.

Thank you to our sponsors
Welcome to the Regulatory Conference ........................................ P 02
Welcome by Mr. Jean-Philippe Azoulay ..................................... P 03
Programme - SUMMARY ........................................................ P 07
Programme - MAIN CONFERENCE ........................................ P 08 - 13
Speakers’ Biographies ........................................................... P 14 - 18
Sponsors ................................................................................ P 19 - 40
ECPA Initiatives .................................................................... P 41 - 42
NOTES .................................................................................. P 43
IUPAC .................................................................................. P 44

SPONSORS

AGREXIS ......................... P 19
APC ................................. P 37
ARCHE CONSULTING ........ P 37
B+B AUTOMATION ........... P 38
CEHTRA .......................... P 38
CHARLES RIVER ............... P 20
CSI ................................. P 39
DHD CONSULTING .......... P 21
DNAL .............................. P 22
EBRC .............................. P 23
ENVIGO ........................... P 24
ERM ............................... P 25
EUROFINS ....................... P 26
EXPONENT ...................... P 27
FOURTOLD ..................... P 39
GAB ............................... P 28
GLOBACHEM ................... P 29
HOMOLOGA .................... P 30
KNOELL .......................... P 31
LYNXEE CONSULTING ...... P 40
REDEBEL ....................... P 32
RIFCON .......................... P 33
SCC ............................... P 34
STAPHYT ........................ P 40
SYNGENTA ..................... P 35
TESTAPI ....................... P 36
PREPARING THE GROUND FOR TOMORROW
Dear guests,

I couldn’t be happier to hold our annual regulatory conference alongside the IUPAC congress in Ghent. IUPAC is the biggest gathering of people interested in crop protection chemistry in the world. Given that so much of the debate around crop protection, in particular the use of pesticides, is increasingly influenced by what is happening in Europe, it seems very fitting to welcome hundreds of participants from all around the globe for what is sure to be 2 days of thought-provoking discussion and debate.

This conference historically has been about the challenges we face as an industry; the regulatory hurdles we increasingly come up against. I certainly won’t paint a rosy picture, but I am proud of the progress we have made since last year, particularly on areas like transparency, to show Society that we are listening and acting on their concerns. We will continue to look for ways to show as an industry that the reality is far from the stereotype.

By the end of the year we will have a new European Parliament, elected by citizens across Europe, and a new European Commission, in place. Whatever the complexion of the new Parliament or the Commission, as an industry we will continue to work hard to help make agriculture more sustainable, and to demonstrate the benefits that we bring, together with farmers, to European citizens, enabling them access to safe, sufficient and affordable food.

One of the key topics for our industry during the next mandate will be the REFIT evaluation of the approval system for Plant Protection Products. As part of that process the Commission took advice from many areas, one of which was the Scientific Advice Mechanism, the Commission’s source of independent scientific advice. They concluded, amongst other things, that we need a meaningful conversation about what model of food production we want to see in Europe. We have been calling for this for some time, for a conversation which recognises the different elements of the debate - social, economic, agronomic, political - and puts them into perspective. I hope that the next Commission and Parliament will take the opportunity to start this debate, and to develop a clear and comprehensive vision for the future of food production in Europe. We as an industry are ready to play our part, and we hope this 2019 conference will contribute to that important discussion.

I hope you enjoy the conference.

Jean-Philippe Azoulay
Director General
TRANSPARENCY
Let’s get talking

LEARN MORE ABOUT
OUR GLOBAL TRANSPARENCY INITIATIVE

ecpa.eu/industry-data-transparency
WEDNESDAY 22ND MAY

08.30 - 09.40  IUPAC Plenary session
09.40 - 10.20  Coffee
10.20 - 12.20  IUPAC WORKSHOPS (more details in page 8)
12.20 - 13.30  Lunch
13.30 - 15.30  SESSION 1: Latest regulatory developments (detailed programme on page 9)
15.30 - 16.15  Coffee break
16.15 - 18.15  SESSION 2: Update on AS evaluation process (detailed programme on page 10)
19.15 - 20.15  EVENING DEBATE - followed by dinner (detailed programme on page 11)

THURSDAY 23RD MAY

08.30 - 09.40  Plenary session
09.40 - 10.20  Coffee break
10.20 - 12.30  SESSION 3: New trends and opportunities for the future (detailed programme on page 12)
12.20 - 13.30  Lunch
13.30 - 15.30  SESSION 4: Zonal workshops (detailed programme on page 13)
ECPA and IUPAC have been working together to provide a number of interesting workshops for you to start the conference. In total, there are 10 workshops that will be held on the Wednesday morning.

We would in particular encourage you to attend workshops 1.2. and 1.5. which have been organised in collaboration between ECPA, IUPAC and CropLife International. The other workshops are however also open if these subject matters are more interesting and relevant for you.

Further information (speakers, meeting room details) is available on the IUPAC programme.

**ECPA - IUPAC Workshops:**

1.2  
Lifecycle product stewardship – Linking all aspects of the stewardship arc

1.5  
Facilitating trade – Need for harmonization of global MRLs

**IUPAC WORKSHOPS:**

2.5  
Bio - stimulants

3.2  
New chemistries targeting crop enhancement and animal parasite, nematode and vector control (1/2)

3.2  
New chemistries targeting crop enhancement and animal parasite, nematode and vector control (2/2)

4.4  
Approaches of reducing offset drift and the use of multifunctional field margins

6.3  
Modern analytical techniques to detect and control residues in food and feed

7.6  
Advances in pesticides biodegradation and metabolism: Mechanisms, applications and regulatory issues

7.10  
Advances in mathematical modelling of pesticides environmental exposure

9.3  
Insecticides: Mode of action and resistance
SESSION 1

13.30 - 13.40  Introduction by conference Chairman: JEAN-PHILIPPE AZOULAY, ECPA
Conference Moderator: HANS MATTAAR

13.35 - 14.05  Developments in the implementation and findings of the evaluation of the EU legislation.
KLAUS BEREND, DG SANTE

14.00 - 14.20  Industry input in managing key challenges: MARTYN GRIFFITHS, Bayer

14.20 - 14.50  Managing recent developments and promoting future improvements:
(7 minutes each)
Member State: PANOS THEODORIS, Greece
Member State: MARTIN STRELOKE, Germany
EFSA: MANUELA TIRAMANI
ECCA: MANUEL DUARTE

14.50 - 15.30  Panel discussion

15.30 - 15.35  Conclusions

15.35  Coffee break

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### SESSION 2

**UPDATE ON AS EVALUATION PROCESS.**

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<th>Time</th>
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<tr>
<td>16.15 - 16.20</td>
<td>Introduction by conference Moderator</td>
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| 16.20 - 16.45 | Status of EFSA evaluation process.  
  **MANUELA TIRAMANI, EFSA**                                           |
| 16.45 - 17.00 | Ensuring an efficient process to support Member State evaluations of substances and products.  
  **LUUK VAN DUIJN, Netherlands**                                        |
| 17.00 - 17.30 | Input on the Active Substance evaluation process:  
  (7 minutes each)  
  Member State: **BARBARA OLIVEIRA, Portugal**  
  Industry: **JANE WEST, Syngenta**  
  Commission: **KARIN NIENSTEDT, DG SANTE**                                 |
| 17.30 - 18.10 | Panel discussion                                                      |
| 18.10 - 18.15 | Conclusions                                                          |
| 18.15     | Close                                                                |

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EVENING DEBATE  WHAT MODEL FOR EUROPEAN AGRICULTURE?

19.10 - 19.15  Introduction by Moderator
19.15 - 19.55  Participants:
   Civil Society: LUC BAS, IUCN
   Government: LYNN FORTIN, Canada Mission
   Farmer: IRIS BOUWERS, CEJA Vice President
   Industry: KLAUS KUNZ, Bayer CropScience
19.55 - 20.15  Questions from the floor
20.15         Dinner
### Session 3: New Trends and Opportunities for the Future

<table>
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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10.20 - 10.25</td>
<td>Introduction by Moderator</td>
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<tr>
<td>10.25 - 10.50</td>
<td>Policy measures to support adoption of new technical solutions.</td>
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<td><strong>ANTHEA MCINTYRE, MEP</strong></td>
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<td>10.50 - 11.05</td>
<td>Key trends and opportunities for the crop protection sector.</td>
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<td><strong>JEAN-PHILIPPE AZOULAY, ECPA</strong></td>
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<tr>
<td>11.05 - 11.35</td>
<td>Panel discussion on new technologies in crop protection – options and opportunities:</td>
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<td>Farmer perspective: <strong>PEKKA PESONEN, COPA COGECA</strong></td>
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<td>Retailer perspective: <strong>CHRISTIAN VERSCHUEREN, EuroCommerce</strong></td>
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<td>Application technology provider: <strong>NADAV LIEBERMANN CropX</strong></td>
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<tr>
<td>11.35 - 12.10</td>
<td>Panel discussion</td>
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<tr>
<td>12.10 - 12.30</td>
<td>Conclusions of main conference</td>
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<td>12.30</td>
<td>Close &amp; Lunch</td>
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![Eurofins Agrosciences Services](image_url)

![European Crop Protection](image_url)
### SESSION 4

**ZONAL WORKSHOP**

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<th>Activity</th>
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<tr>
<td>13.30</td>
<td>Introduction by Moderator</td>
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<tr>
<td>13.35</td>
<td>Overview of zonal challenges</td>
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<tr>
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<td><strong>CHRISTIAN PROHASKA, AGES</strong></td>
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<tr>
<td>14.00</td>
<td>Industry input on zonal process</td>
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<td><strong>JEANNE ROEDERER, ADAMA</strong></td>
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<td>14.15</td>
<td>Input on the zonal process (7 minutes each)</td>
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<td>Local company perspective: <strong>MANUEL DUARTE, ECCA</strong></td>
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<td>Southern MS: <strong>JÉRÉMY PINTE, ANSES, France</strong></td>
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<td>Northern MS: <strong>LIGA BRENCE, Latvia</strong></td>
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<td>Central MS : <strong>tbc</strong></td>
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<td>14.45</td>
<td>Panel discussion</td>
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<td>15.20</td>
<td>Workshop conclusions</td>
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JEAN-PHILIPPE AZOULAY
Born in France, Jean-Philippe Azoulay is Director General of the European Crop Protection Association, representing the crop protection industry in Europe. A Mechanical Engineer by training, with an MBA obtained in 1988, he spent 26 years working for DuPont in various senior roles, latterly as the Global Director of DuPont’s Nutrition business. Having lived in numerous countries around the world, Jean-Philippe has a global view of the challenges facing the future of food and agriculture, and is passionate about the role private industry can play in providing innovative solutions to answer society’s biggest challenges.

LUC BAS
Luc Bas is the Director of the IUCN European Regional Office in Brussels, representing IUCN towards the EU Institutions and providing leadership and guidance for all activities undertaken by IUCN Government and NGO members within the European context. This includes informing decision-making through IUCN’s knowledge on topics such as the 2030 Agenda for Sustainable Development, Red Lists, Protected Area management, Natural Capital and promoting the use of nature-based solutions across different sectors. Prior to this, Luc was European Director of The Climate Group in Brussels, working with business and government to reach more ambitious EU climate policies and prepare for a true energy transition. As International Director of The Climate Group’s States and Regions Alliance, he established one of the most significant networks of sub-national governments leading on tackling climate change. Luc worked as adviser on international sustainable development policies for both the Belgian Federal and Flemish Governments, representing them at the UN Commission on Sustainable Development (SD), the OECD national SD expert panel, the Belgium Federal Council on SD, as well as at various networks of subnational governments. Luc holds a Master’s degree in industrial engineering and postgraduate degrees in both environmental science and international politics.

KLAUS BEREND
Dr. Klaus Berend joined the European Commission in 1994 and is currently Head of Unit in the European Commission’s Directorate-General Internal Market, Industry, Entrepreneurship & SMEs, in charge of the implementation of the EU Regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Previously, he was Head of Unit in DG Enterprise & Industry, responsible for EU legislation on the Classification, Labelling and Packaging of substances and mixtures (CLP), Good Laboratory Practices (GLP), detergents, fertilisers, drug precursors, explosives and pyrotechnic articles. The Unit also dealt with the sustainability and competitiveness of the chemicals industry in the European Union. Earlier, he was Deputy Head of Unit in the Commission’s Directorate General for Environment, Unit Biotechnology & Pesticides, where he co-ordinated the work concerning biocides, plant protection products and the Community’s participation in the Rotterdam Convention on Prior Informed Consent (PIC). He studied chemistry at the universities of Heidelberg, Freiburg, and Stanford, and obtained a PhD in polymer chemistry from the University of Freiburg (Germany).

IRIS BOUWERS
Born in 1993, Iris Bouwers is a young farmer from the Netherlands, actively farming in a partnership with her parents, in the northeastern part of the country. They have a mixed farm, with arable land and fattening pigs. She herself is most passionate about the dispersed crops they grow, such as valerian and gluten-free oats. Over the past years, Iris has been actively involved in both national and EU agricultural policy and politics as the international representative of NAJK, the Dutch young farmers’ organisation.

LIGA BRENCE
Liga Brence has a bachelor’s degree in Public Health and a master’s degree in Business Administration and Management. She is from 2011 Head of Plant Protection Evaluation Division in State Plant Protection Service of Latvia. Her main responsibilities are to coordinate risk assessors’ team for the evaluation of plant protection products and active substances; compiling risk assessment results and proposing risk mitigation measures in support of authorisation of PPPs. She is her country representative at EFSA Pesticides Steering Network meetings and representative at Northern Zone Steering Committee on Work-sharing and authorisation of PPPs. Latvia is chair of Northern Zone in 2019.
MANUEL DUARTE
Manuel Duarte is an independent consultant and, in parallel, holds the position of Regulatory Director for ECCA. His background is agronomy with a master in crop protection. After graduating (1988), he joined a Portuguese company, Agroquisa, where he occupied several positions from field trials manager, regulatory manager to marketing project manager. In 2004, he joined Sapec (now Ascenza) as insecticide product manager. In 2007, he moved to Sapec Technical Department and became its director since 2010, until he left the company. In January 2019, he founded his own independent consulting company.

LYNN FORTIN
Lynn Fortin holds a Master Degree from the Norman Patterson School of International Affairs in Ottawa, Canada. She has worked for the Canadian Government for 20 years on trade policy issues. For the past 14 years she has been at the Canadian Department of Agriculture and Agri-Food where she has worked on multilateral and bilateral trade issues of interest to the sector, including biotechnology and crop protection issues. Lynn currently lives in Brussels with her daughter and works as Agriculture Counsellor at the Mission of Canada to the European Union.

GÉRARDINE GARÇON
Gérardine Garcon is Head of Global Regulatory Legal & Contracts at BASF SE Agricultural Solutions. Gérardine started her career at BASF in the Central Legal Department, after she graduated in European and international legal affairs. She became BASF’s Coordinating Counsel for Regulatory Affairs, for European Site Management and Global HR based in BASF SE’s headquarters in Ludwigshafen, Germany, before she was delegated to Brussels in 2015. In the BASF Brussels Office, Gérardine continued to be Coordinating Counsel for Regulatory, and she assumed further responsibilities like for the digital agenda. Since beginning of 2018, Gérardine leads the newly established unit Global Regulatory Legal & Contracts at BASF’s Agricultural Center in Limburgerhof. Gérardine moreover chairs the ECPA legal team and the legal team of the agrochemical business association in Germany (Industrieverband Agrar). She regularly publishes and gives presentations, particularly on topics related to risk regulation and transparency.

MARTYN GRIFFITHS
Dr. Griffiths graduated from University of Newcastle Upon Tyne and obtained his doctorate in field of liquid fertilisers from Harper Adams College. His involvement in crop protection started 26 years ago with Schering. After 5 years of field development experience, he moved to Frankfurt, Germany with AgrEvo, where he held a number of positions including responsibility for registrations in China, Taiwan and Korea. With the formation of Bayer CropScience, he has worked in the European Regulatory Affairs team in Lyon, France and his current position is Senior Regulatory Policy Manager in EMEA Regulatory Science. He is chairman of ECPA Regulatory Policy Team.

CLAUS KUNZ
Klaus Kunz (born 1972) holds a PhD in Organic Chemistry and a degree in Economics. After joining Bayer's Central Research Department in 2001, he gained 17 years of experience directing business strategic topics in R&D at a global level, taking leadership roles in research, R&D project management and regulatory and public/governmental affairs, including issues management and stakeholder engagement. In 2018, he took over the lead for Sustainability and Product Stewardship.

NADAV LIEBERMANN
An experienced hardware and system development manager with expertise in robotics and control systems, Nadav currently leads the CropX hardware development team as the vice president of hardware. An engineering professional with a passion for business development and sales, he co-founded various technology startups and served as the head engineer at Tuglit Dead Sea Research before joining CropX. Nadav served in the IDF Intelligence Corps Technological Unit as a mechanical designer and earned his B.Sc. in mechanical engineering from Tel Aviv University.
HANS MATTAA

After graduating at Wageningen Agricultural University in 1984, Hans Mattaar joined Rhône-Poulenc Agro, in the position of Regulatory Affairs Expert for the Netherlands. From this position he moved on to the European Team as a coordinator for European regulatory affairs in 1992. During his career he expanded his area of interest from science to law, and from there it was a small step to politics. He held the position of European Public & Governmental Affairs (PGA) Manager and Regulatory Strategy Manager for the last 7 years of his corporate career, while RPA became Aventis CropScience and then became part of Bayer CropScience. In January 2008 he left Bayer to pursue a career as Senior Advisor with Pappas & Associates, Attorneys at Law, in Brussels. In his current role he provides strategic and regulatory advice to businesses who operate in a regulated environment, both on operational and on organisational issues. In parallel to that he holds.

ANTHEA McINTYRE

Anthea McIntyre is a politician and businesswoman and devotes spare time to a range of voluntary-service roles. As Conservative MEP for the West Midlands since 2011, Anthea is the Party’s spokesman in the European Parliament on both employment and social affairs, and agriculture and rural affairs. As well as these two key portfolios, she is a member of the temporary committee created to examine regulation of pesticides and acts as co-ordinator on the committee for her group the European Conservatives and Reformists. She has drafted Parliamentary reports on subjects including smart farming, encouraging entrepreneurs and re-shoring jobs and recently piloted legislation through the Parliament to prevent the import of deadly plant pests from abroad. Prior to becoming an MEP, she stood for Westminster in the Redditch seat in 1997 and the Shrewsbury and Atcham seat in 2001. Anthea has also served as a Vice Chairman of the Conservative Party and as a member of the Party Board. A lifelong party activist, she is a former deputy chairman of the National Young Conservatives, chairman of the Party’s West Midlands Region, chairman of Hereford Conservation Association and, in 1977, became the youngest County Councillor in England. Outside politics she is a director of MCP Systems, a consultancy specialising in business intelligence systems. Separately she is a partner in a Herefordshire smallholding and vineyard with her husband Frank Myers MBE. Anthea won the European Woman of Achievement Award for Business in 1997 and in 2009 her work helped win MCP a national award for technological innovation in the Health Service. In the voluntary sector she chairs Herefordshire Conservative Business Forum, is an Ambassador for the Federation of Small Businesses and an official champion of English regional wines. Before becoming an MEP she was a member of the BBC Midlands Advisory Council, Hereford Community Health Council, Midlands Electricity Consultative Council and the Regional Policy Committee of the Federation of Small Businesses.

KARIN NIENSTEDT

Dr. Karin Nienstedt leads the Sector Pesticides – placing on the market in the unit “Pesticides and Biocides” of the Directorate-General for Health and Food Safety of the European Commission. Before joining the European Commission in 2010, she worked in the European Food Safety Authority (EFSA) as scientific officer for the PPR Panel. She also worked several years in academia and in a GLP-contract research facility on topics related to crop protection and ecotoxicology.

BARBARA OLIVEIRA

Ana Barbara Oliveira holds a University degree in Agronomy – Plant protection from the Instituto Superior de Agronomia (ISA) School of Agronomy since 1993 and has been working since, in the national competent regulatory authority for the implementation of the regulatory frame for the placing of plant protection products on the market. Main activities carried out over the past years were in the areas of Fate and Behavior of PPP in the Environmental and effects on non-target organisms in the context of the EU evaluation and national authorization processes as a national expert. Between 2004 and 2012 she was head of the regulatory unit responsible for the authorization of PPP chairing also the SMS Steering Committee and representing the SMS at the izSteering Committee. Since 2015 is head of the department in charge of the coordination of activities pertaining to the authorization of PPP, controls, enforcement, sustainable use of pesticides and cross-compliance under the EU Common Agriculture Policy. She is also national delegate for the DGSANTE SCoPAFF.
SPEAKERS BIOGRAPHIES

PEKKA PESONEN
Pekka Pesonen is the Secretary General of Copa, representing European farmers, and Cogeca, representing European agri-cooperatives, which together count around 70 national farming organisations from across Europe. Previously, he worked as State Secretary for the Finnish Ministry for Agriculture and Forestry. In addition, Pekka Pesonen has extensive professional experience in lobbying at EU level on behalf of Finnish farmers, forest owners (MTK and SLC) and agri-forestry cooperatives (Pellervo). In the 1990s, he worked in the sales and marketing department of Valio, a Finnish dairy company. Mr Pesonen has also been a member of several high level advisory groups concerning EU policy preparation. He is a qualified agronomist and is married with three teenage children.

JÉRÉMY PINTE
Jérémy Pinte is currently Head of the Coordination Unit for Pesticides, Fertilisers and Beneficial Arthropods, and Assistant to the Director of Regulated Product Assessment at the French Agency for Food and Environment Safety and Occupational Health (Anses). He graduated as an agriculture and food engineer, followed by a professional training in public law. He obtained a PhD in food packaging safety. Before joining Anses, he worked as a policy officer at the French Ministry in charge of Agriculture (2009-2015) and at the European Commission (DG SANTE) (2015-2018).

CHRISTIAN PROHASKA

JEANNE ROEDERER
Dr. Roederer studied Physics and Chemistry of Materials at the Sciences University of Nancy (France). She is working in ADAMA (formerly Makhteshim-Agan) for more than 25 years and served various positions, starting in Israel as Product Registration Manager. She then moved back to Europe fulfilling successively the positions of Regulatory Affairs Manager for France and later on for the EU Fungicides/Insecticides portfolio. Since 2015 she is the ADAMA Regulatory Strategy Expert. She also chairs the ECPA Product Authorization Expert Group since end 2016.

MARTIN STRELOKE
Dr Martin Streloke is the head of the Department of Plant Protection Products at the Federal Office of Consumer Protection and Food Safety (BVL) in Germany. He completed his PhD in zoology and entomology at Hanover University. Dr Streloke has 25 years of professional experience in the field of risk assessment and risk management in the context of authorisation procedures for plant protection products in Germany. He participated in the preparation of EU-guidance documents and he chaired expert meetings for the approval of active substances in the EU-regulatory system. He was also taking part in different OECD Working Groups and was a member of the SETAC-Europe Council.

PANOS THEODORIS
Panos Theodoris works in the Department of Plant Protection and Biological Products in the Greek Ministry of Rural Development and Food. Mr Theodoris also represents Greece in the ScoPaff-phytopharmaceutical meetings.

MANUELA TIRAMANI
Manuela Tiramani was appointed Head of the Pesticide Peer Review Unit (PREV) of the European Food Safety Authority in January 2019. Manuela joined EFSA in 2005 as scientific officer for mammalian toxicology in the Pesticide Unit, where she afterwards took the position of team leader responsible for mammalian toxicology risk assessment and non dietary exposure assessment. Before joining the PREV Unit, Manuela has guided the EFSA FEED Unit from 2015 to 2018 for a total of 4 years. Manuela graduated from the university of Milano as medical doctor, with a focus on occupational health, industrial hygiene and toxicology.
LUUK VAN DUIJN
Dr. ir. L.P. van Duijn (1953) has a Master of Science degree in plant pathology from the University of Wageningen (1981) and a PhD in Biology from the University of Utrecht (1987). As of January 1, 2013 he was appointed as Secretary / Director of the Board for the Authorization of Plant Protection Products and Biocides (Ctgb). Before joining the Ctgb, Dr. van Duijn held various executive positions at the Ministry of Agriculture, Nature Management and Fisheries. Amongst them positions in the Fisheries directorate, Food quality, Inspection Service for Livestock and Meat, The Dutch Inspection service for Food and the directorate of Finance of the ministry. Luuk van Duijn has a broad management experience in the public sector at the interface between policy and policy implementation.

CHRISTIAN VERSCHUEREN
Dr. Verschueren has been Director-General of EuroCommerce since July 2011. In this function, he is the chief spokesperson for the retail and wholesale sector. As head of a team of 20 professionals making up the EuroCommerce secretariat, he leads and coordinates major advocacy and communication activities at the EU level. Before joining EuroCommerce, Christian Verschueren led ACE, the alliance for the beverage carton industry. Between 2000 and 2007, he was Director-General of CropLife International, the global federation of the plant science industry. Prior to that, he occupied various management and leadership positions in FEDESA and COMISA (now IFAH– Europe and IFAH), the European and global associations for the veterinary pharmaceutical industry. Dr. Verschueren graduated as doctor of veterinary medicine at the University of Liège, Belgium. He also qualified as veterinarian-specialist in internal medicine and for companion animals. He holds a PhD from the University of Utrecht, the Netherlands. Dr. Verschueren is a guest lecturer at HEC Paris. He is also an ambassador of WWF Belgium, a Board member at Vétérinaires Sans Frontières (Veterinarians without Borders), a development NGO and at Natagora, a nature conservancy organisation.

JANE WEST
Jane West studied Agronomy and Crop Protection at university and joined the crop protection industry in 1987 firstly in Product Development and then in European Regulatory Affairs. Jane is currently Head EAME Regulatory Portfolio for Syngenta AG and is based in Basel, Switzerland. Jane has been a member of the ECPA Regulatory Policy Team for the past 9 years.
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<th>DNAL have a proven track record of working with agrochemicals, biocides and rodenticides</th>
<th>DNAL have the technical expertise to develop methods in unusual matrix types such as gases, paints and gels</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Batch Studies</td>
<td>Formulation Storage Stability Studies</td>
</tr>
<tr>
<td>ILV Studies (residue method development)</td>
<td>Reach Testing</td>
</tr>
<tr>
<td>QC testing</td>
<td>Impurity Identification</td>
</tr>
<tr>
<td>Phys Chem Testing on Technical Materials and Formulations (CIPAC, EEC and OECD methods)</td>
<td>Cross Contamination Testing (with rapid turnaround)</td>
</tr>
</tbody>
</table>

Our significant investment in the latest analytical techniques and facilities, include (but are not limited to) LC-QQQ, LC-QToF, NMR, along with a full capacity for analysis using LC-MS, HPLC, HPLC-ELSD, GC-MS, GC-FID, Ion Chromatography, Titration and ICP-OES.

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Dr. Imme Gerke
Global Regulatory Strategist
IDRG.eu

Agricultural production and trade depend on the availability of plant protection products to meet buyers’ expectations in terms of quality and quantity, and to meet international import regulations in the prevention of invasive alien species (IAS). The development of new technologies for the detection of chemical residues or IAS triggers an increasing number of non-tariff trade-barriers.

For decades, governments and industries are aware of this increase and have demanded that the authorization and availability of plant protection products be globally harmonized. However, in spite of all harmonization efforts, we still have millions of different approvals worldwide.

“With the lack of harmonization, the only way to grow crops that can be traded is to provide access to information to farmers, processors, exporters, manufacturers and distributors of plant protection products, and to governmental authorities.”

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Shi Lijie has been on a mission to educate farmers in her community about the safe use of pesticides ever since she took part in one of our training programs. As well as protecting crops, we have a responsibility to protect growers too. That’s why we’ve pledged to train 20 million farm workers on labor safety by 2020. But it’s the real faces behind The Good Growth Plan – people like Shi Lijie – who are making this goal achievable.

Follow our progress at goodgrowthplan.com

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Fourtold and ZN Consulting are the team behind the award winning #WithorWithout pesticides campaign. In partnership with ECPA, we are increasing engagement, dialogue and understanding amongst EU stakeholders, for the benefit of the industry and society.

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Counterfeit and Illegal Pesticides in Europe

Global

The crime is highly profitable

Counterfeit and illegal pesticides sales could create the 4th largest business in the industry

Counterfeit and Illegal Pesticides Trade

Europe

Counterfeit and illegal pesticides represent almost 14% of the EU pesticides market. In Europe’s operation Silver Axe in 2015, 2017 and 2018, over 670 tons of counterfeit or illegal pesticides were seized

Tested and approved legal pesticides are used responsibly as an essential part of agriculture. Pesticides control the pest, weeds, and diseases that attack our food crops. Without crop protection, including legal pesticides, global crop losses to pests could reach 80 percent. The trade in counterfeit and illegal pesticides has been growing, with increasing quantities produced, marketed and sold by organised crime network, presenting real risks to farmer’s health, the environment and the economy

Two contrasting worlds

THINK ABOUT THIS...

Authorised Pesticides

Tested
- >100 specific safety tests
- Risks understood & controlled
- Benefits documented

Authorised
- European Commission, EFSA
- Member States, Agencies
- Reviewed every 10 years

Suppliers
- Committed to deliver safe, high quality products
- Cooperate with authorities
- Provide stewardship support

Counterfeit and Illegal Pesticides

Untested
- No safety test
- Unknown risk
- Possible harm (no benefit)

Unauthorised
- Unregulated
- Not reviewed

Suppliers
- Criminals
- Unknown to authorities
- No stewardship
- Support other illegal activities

#WithOrWithout

All agricultural stakeholders in Europe are under threat

**THREATS TO THE VALUE CHAIN**

### AUTHORITIES & GOVERNMENTS
Counterfeit and illegal pesticides threaten health and safety, hinder economic development, and erode government credibility; 238 million government revenue lost per year.

### LEGITIMATE MANUFACTURERS
The legitimate industry loses approximately 1.3 billion of revenue annually.

### TRANSPORTATION & SHIPPING
Ports being the main points of entry, smuggling across land borders with third countries.

### PESTICIDE RETAILERS & DISTRIBUTORS
Loss of reputation with farmers and subsequent loss of business.

### GROWERS /FARMERS
Loss of crops, loss of EU subsidies, soil deterioration, threat to farmer’s health.

### FOOD COMPANIES
Food supply loss, loss of trust, reduction in food security.

**SOLUTIONS: WHAT YOU CAN DO ABOUT IT**

- **Checklist**
  - Raise awareness through private and public sector collaboration
  - Shut down illegal producers
  - Strengthen enforcement and market controls
  - Empower pesticide authorities to work directly with customs at import and raise priority with customs at borders
  - Alert the entire supply/delivery chain to carry only legally registered pesticides from manufacturing countries to destination countries
  - Integrate anti-counterfeit training into all farmer outreach programs
  - Comply with all laws and pesticide regulations
  - Collaborate with international organisations, governments, police, customs and pesticide authorities with training about counterfeit and illegal pesticides
  - To avoid working with counterfeiters, vessel and aircraft delivery companies engage in “Know Your Customer” (KYC) practices
  - Comply with ICAMA export certification rules
  - Preserve supply chain integrity by refusing to deliver counterfeit and illegal pesticides
  - Sell only legally-registered pesticides; practice “Know Your Supplier” (KYS) and purchase only from legitimate manufacturers
  - Inform farmers about the potential risk of counterfeit and illegal pesticides
  - Ensure compliance with all laws and pesticides regulations
  - KYS and purchase from authorised pesticides retailers
  - Report suspicious incidents to pesticide authorities
  - Demand receipts for every purchase
  - Insist that farmers use only legally registered and establish programs to ensure this
  - Collaborate with food export/import authorities to avoid crops being treated with illegal or counterfeit pesticides
  - KYS and purchase produce only from countries and farmers using authorised pesticides

ECPA and its members work with police, customs and pesticide authorities to ensure that only authentic, authorised pesticides are traded, and used in a safe and responsible manner. As part of industry’s fight against the counterfeit and illegal pesticides, we continue to raise awareness about the risks of such products.

**In 2016 & 2017**

- NEARLY 100,000 FARMERS
- NEARLY 9,000 DISTRIBUTORS

If you want to learn more about industry actions, please access our website: [http://www.ecpa.eu/stewardship/counterfeit-illegal-pesticides](http://www.ecpa.eu/stewardship/counterfeit-illegal-pesticides)

Example of raising awareness at national level: [http://bezpiecznauprawa.org](http://bezpiecznauprawa.org)

#WithOrWithout
The European Crop Protection Association (ECPA) represents the crop protection industry at the European level. Its members include all major crop protection companies and national associations across Europe.

For more information, visit www.ecpa.eu

Next Regulatory Conference - March 2020
Crowne Plaza Brussels - Le Palace
More details and registration to follow @ https://ecpa.events.idloom.com/regulatoryconference2020