THE PHARMACEUTICAL SUPPLY CHAIN INITIATIVE (PSCI)

An Introduction

Caroline O’Brien, PSCI Chair
Global Quality Audit - Regional Hub Director Asia Pacific, AstraZeneca
AGENDA

THE VISION & INTRODUCTION

MEMBERSHIP

THE CHALLENGE

PSCI PRINCIPLES & HOW WE WORK

WHAT WE DO

OUR IMPACT & 2020 HIGHLIGHTS

ADVISORY PANEL & PARTNERS

WE WILL HELP YOUR SUPPLY CHAIN!
Speaker Bio

- Caroline O’Brien, PSCI Chair

- Global Quality Audit Regional Hub Director for Asia Pacific and Japan based in Osaka, Japan. Responsible for managing the Asia Pacific team, as well as conducting audits of AstraZeneca manufacturing sites, contractors, suppliers, due diligence and other audits where specialized expert technical skills and experience are needed.

- Previously she was the Director of Operations Compliance, where her responsibilities included developing and leading the implementation of the Compliance strategy in Global Operations and Supply Chain.

- She is also an experienced Safety, Health and Environment professional undertaking sites audits for both internal and external supply network.
PSCI: THE VISION

Our **VISION** is to establish and **promote responsible practices** that will continuously improve **ethics, human rights & labor, health, safety and environmentally sustainable outcomes** for our supply chains.
45 member companies* already share the **PSCI VISION** and are committed to continuous improvement in the supply chain

Members as of August 2020

*Associate members have the following symbol: The rest are full members.
THE CHALLENGE

Alone we can do so little,
Together we can do so much.
ADDRESSING THE CHALLENGE

INTERNATIONAL STANDARDS / FRAMEWORKS

CAMPAIGNS

Nordea

PRESSURE FROM BUYERS

MODERN SLAVERY ACT

LEGISLATION

PATIENTS & VALUE BASED HEALTHCARE

NHS
ADDRESSING THE CHALLENGE

- Supply Chain Issues
- Fire
- Bonded Labour
- Pollution
- Bribery and Corruption
- Working Hours
THE PSCI PRINCIPLES

ETHICS
- Anti-bribery and corruption
- Fair competition
- Animal welfare
- Data privacy and security
- Patient safety and access to information
- Avoidance and management of conflicts of interest

HUMAN RIGHTS AND LABOR
- Freely chosen employment
- No child labor
- Legal treatment of young workers
- Non-discrimination
- Fair treatment
- Wages, benefits and working hours
- Freedom of association

HEALTH AND SAFETY
- Worker protection
- Process safety
- Proper control of hazardous substances
- Emergency preparedness and response
- Communication of hazard information

ENVIRONMENT
- Environmental authorizations and reporting
- Management of waste and emissions
- Spills and releases prevention
- Resource efficiency
- Sustainable sourcing and traceability
- Managing the release of pharmaceuticals into the environment

MANAGEMENT SYSTEMS
- Commitment and accountability
- Legal and customer requirements
- Risk management
- Documentation
- Training and competency
- Continual improvement
- Identification of concerns
- Effective communication
HOW WE WORK

BOARD OF DIRECTORS

SECRETARIAT

2020

Secretary  Treasurer  Vice-Chair  Chair  Past Chair

2019

Secretary  Vice-Chair  Chair  Past Chair  Treasurer

WORKING COMMITTEES

AUDIT  COMMUNICATIONS  GOVERNANCE  SUPPLIER CAPABILITY  PARTNERSHIPS

MEMBERS

Plus, 15 topic-specific Sub-Teams
WHAT WE DO

- A common voice for our industry.
- **Set expectations** for ethics, labour, health & safety, environment, management systems (The PSCI Principles & Implementation Guidance).

- Build supplier capability
  - Conferences
  - Resource library
  - Webinars

- Define common supplier assessment tools (audit framework, SAQ, ...).
- Audit and promote audit sharing to reduce burden on the industry and drive continuous improvement.

We hosted seven webinars in 2019 and eight so far in 2020. This year, we reached a total of 450+ viewers.
ACCELERATING OUR DIGITAL OFFERING

The data on the right compares 2019 to the previous year. As you can see, our reach continues to grow.

In 2020, in response to COVID-19, we accelerated the digitalization of our resources, offering our member meetings and supplier conferences virtually and launching our community platform for suppliers (more information on next slide).

As a result, we expect to report even higher engagement in 2020.

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<table>
<thead>
<tr>
<th>REACH</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSCI IN PERSON</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conference attendees</td>
<td>400+</td>
<td>400+</td>
</tr>
<tr>
<td>Webinar attendees</td>
<td>163</td>
<td>400</td>
</tr>
<tr>
<td>Member meeting attendees</td>
<td>125</td>
<td>180+</td>
</tr>
<tr>
<td>Total approved 3rd party audit firms</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td>3rd party auditors trained</td>
<td>23</td>
<td>40</td>
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<tr>
<td>Member companies</td>
<td>34</td>
<td>40</td>
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<table>
<thead>
<tr>
<th>PSCI ON THE WEB</th>
<th>2018</th>
<th>2019</th>
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</thead>
<tbody>
<tr>
<td>Unique web visitors</td>
<td>26K+</td>
<td>35K+</td>
</tr>
<tr>
<td>Followers on social media</td>
<td>564</td>
<td>941</td>
</tr>
<tr>
<td>Twitter followers</td>
<td>157</td>
<td>201</td>
</tr>
<tr>
<td>LinkedIn followers</td>
<td>407</td>
<td>731</td>
</tr>
<tr>
<td>Document downloads</td>
<td>50K+</td>
<td>125K+</td>
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<tr>
<td>Industrial Hygiene (IH)</td>
<td>4K+</td>
<td>7.3K+</td>
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<tr>
<td>Introductions Training slides on fundamentals of IH</td>
<td>2.3K+</td>
<td>4.5K+</td>
</tr>
<tr>
<td>Basic Information for OEL</td>
<td>1.5K+</td>
<td>4.2K+</td>
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<tr>
<td>PBOEL-HHC IPI and API</td>
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<td>Best Management Practices for Leak and Spill Control</td>
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<td></td>
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<tr>
<td>Downloads of PSCI Audit Guidance</td>
<td>1.4K+</td>
<td>3K+</td>
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<tr>
<td>PSCI Principles</td>
<td>1.1K+</td>
<td>2.2K+</td>
</tr>
<tr>
<td>PSCI Principles guidance</td>
<td>1K+</td>
<td>1.5K+</td>
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</tbody>
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1 In 2019 PSCI had supplier conferences in China and India, each of them has welcomed over 200 attendees.
2 For the first time, we welcomed virtual attendees to the 2019 Fall AGM. Over 40 members attended virtually.
3 Resource downloads have increased substantially compared with 2018. Some of this increase is attributable to more comprehensive tracking of resource downloads. However, with web visitors also increasing, the figures also reflect growing popularity of PSCI resources.
Our online platform for members and suppliers

- Hear and comment on the latest industry news
- View shared supplier audits
- Access tools, training and other resources
- Engage with peers through polls, surveys and sharing ideas
- Register for events and activities
- Sign up for the peer to peer mentoring programme
- Check out the work of our Committees and Sub-Teams

**BUILDING A SUPPLIER COMMUNITY**

The Link isn’t just for members. The Link for Suppliers provides the following benefits to our supplier community:

- Gain greater visibility and control over shared supplier audits
- Be the first to hear about PSCI developments and updates to audit tools
- Access PSCI tools, trainings and resources, improving their capabilities and knowledge of responsible supply chains

**THE LINK: JOIN THE COMMUNITY**

pscinitiative.org/login

Having trouble logging in? Ask your company lead to sign you up or email us at info@PSCInitiative.org
2020 HIGHLIGHTS

- Two regional teams formalized – one in India & one in China
- Our first fully virtual supplier conferences for suppliers based in India and China & our first fully virtual member meeting attracting over 140 attendees from our 44 member companies.
- Launch of The Link, our new state-of-the-art community and audit-sharing platform for members and suppliers, with access to all PSCI resources, news, training, audits – and more!
- A project to support the revitalization of the Musi River area in Hyderabad, India
- A project on pharmaceutical raw materials human rights impact
- Developed topic focussed maturity models and training curricula for suppliers
- More webinars covering a wide range of issues (11 planned for 2020 vs 7 in 2019 vs 3 in 2018, reaching hundreds of members and suppliers around the world).
- Building partnerships and engaging with external stakeholders including through our excellent Advisory Panel
- Roll-out of peer-to-peer mentoring scheme.
- Continuing to build on solid membership growth, particularly welcoming mid-sized pharma companies, and consequently expanding our Board from 5 to 7 Directors
Welcome from India Sub-Team

Manjit Singh, PSCI Vice-Chair and India Sub-Team Lead
Associate Director-Corporate Sustainability, Centrient Pharmaceuticals
AGENDA

India Sub-Team overview

PSCI Partner in India

The Link for Suppliers

Objective and activities
Name: Manjit Singh
Title: Associate Director - Corporate Sustainability
Organization: Centrient Pharmaceuticals India Pvt Ltd.
Organization Profile: Centrient is headquartered in The Netherlands and pioneer and leader in penicillin, penicillin-based antibiotics and statins.

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Manjit has about 33 years’ experience in pharmaceutical manufacturing operations.
He is responsible for global sustainability at Centrient.
Manjit is PSCI Vice Chair and lead for PSCI India Sub Team
He is bachelor in chemistry from Punjabi University, Patiala.
PGDIM - Operations, Indira Gandhi National Open University, Delhi.
Welcome By - PSCI India Sub Team

India Sub Team, warmly welcome you to Virtual India Conference. Hope conference will immensely benefit to strengthen sustainability in operations.
PSCI India Sub-Team Member Companies

Constituted in Nov 2019, 11 member companies and 16 people are part of India Sub team.

- Abbott
- Johnson & Johnson
- Sanofi
- Boehringer Ingelheim
- Novartis
- TEVA
- Centrient
- Pfizer
- West
- gsk
- Sai
PSCI India Sub Team - Objective

- Working with Indian suppliers, Industry associations, media and professional bodies to evaluate the sustainability related needs and work together to build a sustainable supply chain.

- Support to develop the contents for long term training, capacity building workshops, audit committee and communication.
PSCI India Sub Team - Activities

▪ Meets monthly, concluded brainstorming session identified **14 topics and projects**. Developed roadmap till 2022.

▪ Developed **partnership with KDPMA** and in discussion with other industry association for partnership.

▪ Supporting conference, leverage and share Indian experience through local speakers.

▪ Submitted the response on Indian draft standards.

▪ Support to **Musi River Revitalization** initiative.

▪ Webinar on India labour law regulations planned in Q4, 2020.
PSCI Partner in India

Karnataka Drugs And Pharmaceuticals Manufacturer's Association

Activities:
- Currently in phase of relationship building via leadership meetings
- Exchange of PSCI promotional material
Supplier Self-Initiated Audits

You asked, we delivered:

- Suppliers can now initiate PSCI Audits
- Ensure audit quality by using the PSCI Audit process and PSCI approved audit firms
- Reduce your audit burden by sharing with customers on secure PSCI platform
- Conduct at your convenience and choose your scope – EHS/Mgmt Systems and/or Ethics/Labor
- Be proactive - Identify risks and improvement opportunities
- Improve your performance against PSCI principles
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