



**Asia-Pacific  
Economic Cooperation**

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**2016/SOM1/LSIF/026**

Agenda Item: 8.7

## **LSIF Blood Supply Chain Partnership Training Network**

Purpose: Information  
Submitted by: United States



**Life Sciences Innovation Forum Planning Group  
Meeting  
Lima, Peru  
26 February 2016**



**APEC LSIF**  
**Blood Supply Chain Partnership Training**  
**Network**

  
Asia-Pacific  
Economic Cooperation

Michael Schmitz  
APEC SOM 1  
Lima, Peru  
February 2016

## APEC: Building the capacity of the blood supply chain in the Asia-Pacific region

- 2013 Blood and blood products added to WHO *List of Essential Medicines*
- Wide disparities in level of access to safe blood
  - Only 13 of 21 APEC economies collect 100% of blood supply from voluntary unpaid donors.
  - Where safe blood is available, supply chain and quality systems may fail to ensure timely access.
- Health-related MDGs and SDGs will be unachievable without significant attention to access to safe blood
- Economic value of safe blood to universal health care systems and to health of populations

## Accomplishments to Date

- **August-December 2013** – Applied and approved for APEC Project Funding
- **January-August 2014** – Established APEC Blood Supply Chain Task Force / Network of Economies; drafted Roadmap; worked with the Philippines Dept. of Health to prepare for Policy Dialogue/Workshop
- **May-September 2014** – Conducted pre-workshop survey
- **September 30-October 1, 2014** – 1<sup>st</sup> APEC Blood Supply Chain Policy Dialogue (Manila, Philippines), Developed APEC Blood Supply Chain 2020 Roadmap
- **October 2014-February 2015** – Finalized 2020 Roadmap and initiated discussions to establish Partnership Training Network [PTN]
- **February 2015** – Presented Roadmap and updates at SOM1 LSIF meeting; secured support for establishing PTN (Clark, Philippines)
- **February-July 2015** – Applied and approved for APEC Project Funding for PTN Pilot Workshops
- **June 2015** – AABB selected to serve as PTN Secretariat by LSIF Executive Board; PTN Terms of Reference developed
- **August 2015** – Endorsement at SOM3 of final APEC Blood Supply Chain 2020 Roadmap and PTN Terms of Reference (Cebu, Philippines)

## APEC LSIF Blood Supply Chain 2020 Roadmap

The Roadmap calls for:

**Step 1: Assessment (2014-2015)**

- **Blood safety gaps and capacity building priorities in APEC developing economies (Country level assessments).**

**Step 2: Training (2016 - 2017)**

- **Provide training on quality systems and leadership in blood safety.**

Step 3: Assessment of Training (2018)

Step 4: Training to reach the 2020 goal (2019 – 2020) and further recommendations for blood safety improvements

## APEC Policy Dialogue Attaining A Safe and Sustainable Blood Supply Chain September 30- October 1, 2014, Manila, Philippines

**Step 1: Assessment (2014)**

- Blood safety gaps and priorities in APEC developing economies
- High Level Multi-country Assessment

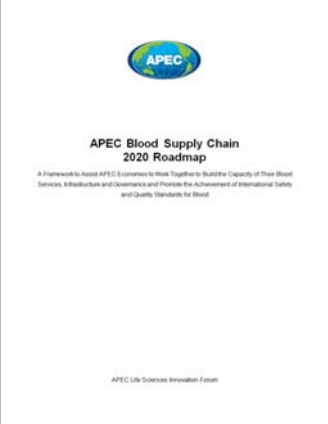


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## APEC Blood Supply Chain 2020 Roadmap

Championed by the United States, the goal for the Blood Supply Chain Roadmap is:

**to improve the safety and sustainability of the blood supply in APEC economies through cross-sectoral, multi-disciplinary, coordinated & collaborative approaches.**



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## APEC Blood Supply Chain 2020 Roadmap

### APEC Blood Supply Chain 2020 Roadmap Goals

1. To strengthen cross-sectorial political commitment and national level government leadership for improving the safety and sustainability of the blood supply for the advancement of public health
2. To strengthen local policy enactment and implementation of national blood safety policies
3. To strengthen donor recruitment and maintenance of a stable volunteer donor base
4. To strengthen quality systems as an essential foundational element for creating a viable National Blood System or Service that requires full government commitment for long-term success
5. To increase government awareness that economies of scale are best achieved through centralization and regionalization to provide quality services at the local level
6. To increase government focus on blood testing strategies based on the disease burden in the APEC developing economy's population
7. To incorporate models such as public-private partnerships and partnerships with non-profit organizations to access resources and expertise and identify advocates for advancing blood safety
8. To provide evidence to decision-makers on the value of blood safety policies that facilitate data-based decisions for public health
9. Adopt Patient Blood Management (PBM): a standard of care used to optimize the use of a patient's own blood, thereby reducing or avoiding unnecessary blood transfusions

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## 2<sup>nd</sup> APEC Blood Supply Chain Policy Forum October 23, 2015 - Anaheim, California, USA

### Topics:

- Making a Commitment to Quality and Safety
- Panel Discussion: Achieving Sustainable Blood Safety Programs
- Securing Political and Financial Support for Blood Safety
- Using Accreditation as an Indicator of Progress
- Quality Systems for Blood Safety
- Looking Ahead



## APEC LSIF Blood Supply Chain 2020 Roadmap

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### **Step 1: Assessment (2014-2015)**

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- Provide training on quality systems and leadership in blood safety.

Step 3: Assessment of Training (2018)

Step 4: Training to reach the 2020 goal (2019 – 2020) and further recommendations for blood safety improvements

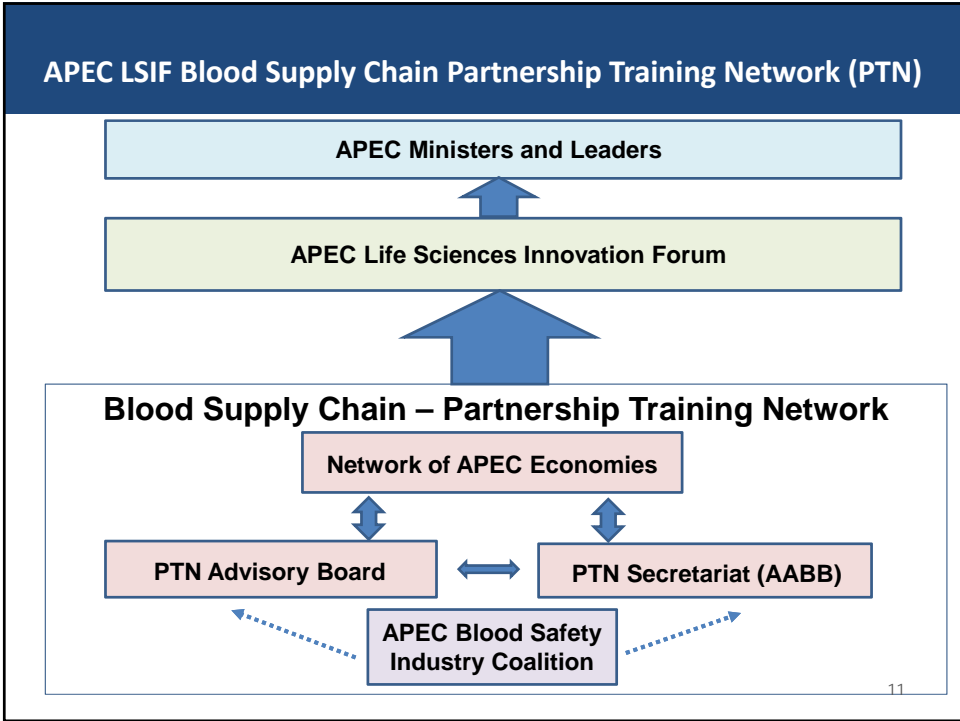
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## APEC LSIF Blood Supply Chain Partnership Training Network (PTN)

### **Step 2: Training (2016 - 2017)**

- Training will be conducted through the Partnership Training Network (PTN).
- The PTN will develop and conduct in-person and online training programs.
- Training programs will be held at APEC sub-regional levels (i.e. Southeast Asia, Latin America) to maximize resources and impact.
- The PTN Advisory Board in cooperation with the APEC sub-regions will identify specific training priorities.
- Activities will be organized by the PTN Secretariat in cooperation with the sub-regional partner institutions.
- The PTN Advisory Board will convene monthly or bi-monthly to provide strategic guidance, report updates on training programs, discuss priorities, and progress with Roadmap implementation.

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- ### Network of APEC Economies
- |  |   |
|--|---|
| <p><b>Australia</b></p> <ul style="list-style-type: none"> <li>• Australian Red Cross</li> <li>• National Blood Authority, Australia</li> </ul> <p><b>Canada</b></p> <ul style="list-style-type: none"> <li>• Health Canada</li> </ul> <p><b>Chile</b></p> <ul style="list-style-type: none"> <li>• Ministry of Health</li> </ul> <p><b>China</b></p> <ul style="list-style-type: none"> <li>• National Health and Family Planning Commission</li> <li>• Institute of Blood Transfusion at Chinese Academy of Medical Sciences</li> </ul> <p><b>Hong Kong, China</b></p> <ul style="list-style-type: none"> <li>• Hong Kong Red Cross</li> </ul> <p><b>Indonesia</b></p> <ul style="list-style-type: none"> <li>• Ministry of Health</li> <li>• Indonesia National Agency of Drug and Food Control</li> </ul> <p><b>Japan</b></p> <ul style="list-style-type: none"> <li>• Ministry of Health, Labour, and Welfare</li> <li>• Japanese Red Cross Society</li> </ul> <p><b>Korea</b></p> <ul style="list-style-type: none"> <li>• Korean Red Cross Blood Services</li> </ul> <p><b>Malaysia</b></p> <ul style="list-style-type: none"> <li>• National Blood Centre, Ministry of Health</li> </ul> <p><b>Mexico</b></p> <ul style="list-style-type: none"> <li>• National Center of Blood Transfusion, Ministry of Health</li> </ul> <p><b>New Zealand</b></p> <ul style="list-style-type: none"> <li>• New Zealand Blood Service</li> </ul> | <p><b>Papua New Guinea</b></p> <ul style="list-style-type: none"> <li>• PNG National Blood Transfusion Services</li> </ul> <p><b>Peru</b></p> <ul style="list-style-type: none"> <li>• Ministry of Health</li> </ul> <p><b>Philippines</b></p> <ul style="list-style-type: none"> <li>• Department of Health</li> <li>• Philippine Food and Drug Administration</li> <li>• Philippine Red Cross</li> </ul> <p><b>Russia</b></p> <ul style="list-style-type: none"> <li>• Russian Federal Institute for Pediatric Hematology, Oncology and Immunology</li> </ul> <p><b>Singapore</b></p> <ul style="list-style-type: none"> <li>• Health Sciences Authority</li> </ul> <p><b>Chinese Taipei</b></p> <ul style="list-style-type: none"> <li>• Food &amp; Drug Administration, Ministry of Health and Welfare</li> <li>• Taiwan Blood Services Foundation</li> </ul> <p><b>Thailand</b></p> <ul style="list-style-type: none"> <li>• Ministry of Public Health</li> <li>• Thai Red Cross Society</li> </ul> <p><b>United States</b></p> <ul style="list-style-type: none"> <li>• State Department</li> <li>• FDA</li> <li>• Centers for Disease Control and Prevention</li> <li>• AABB</li> </ul> <p><b>Vietnam</b></p> <ul style="list-style-type: none"> <li>• National Institute of Hematology and Blood Transfusion, Ministry of Health</li> </ul> |
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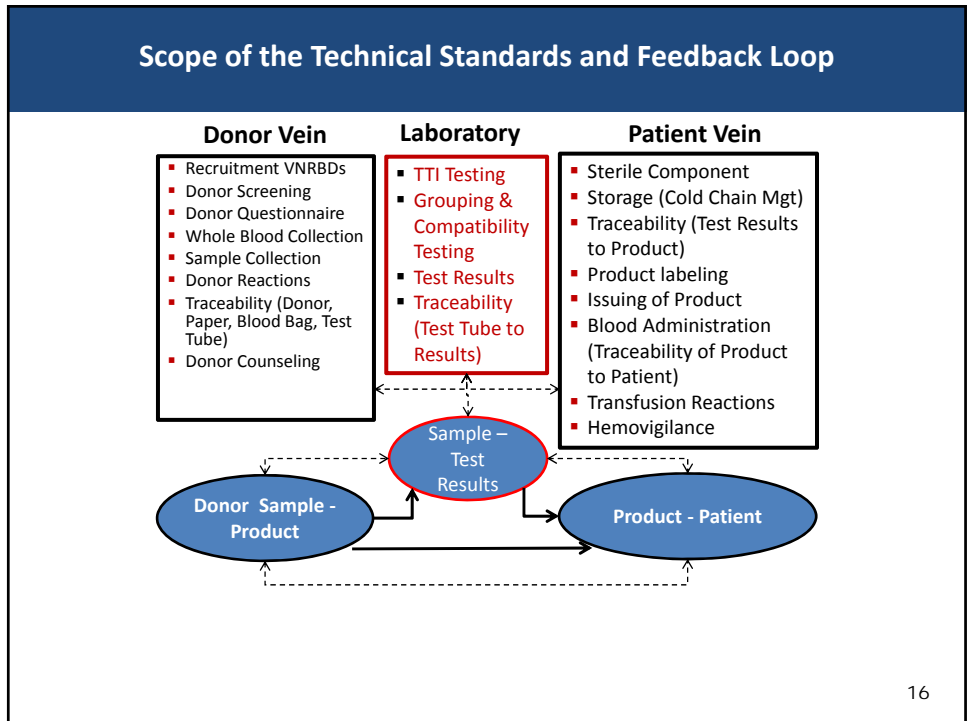
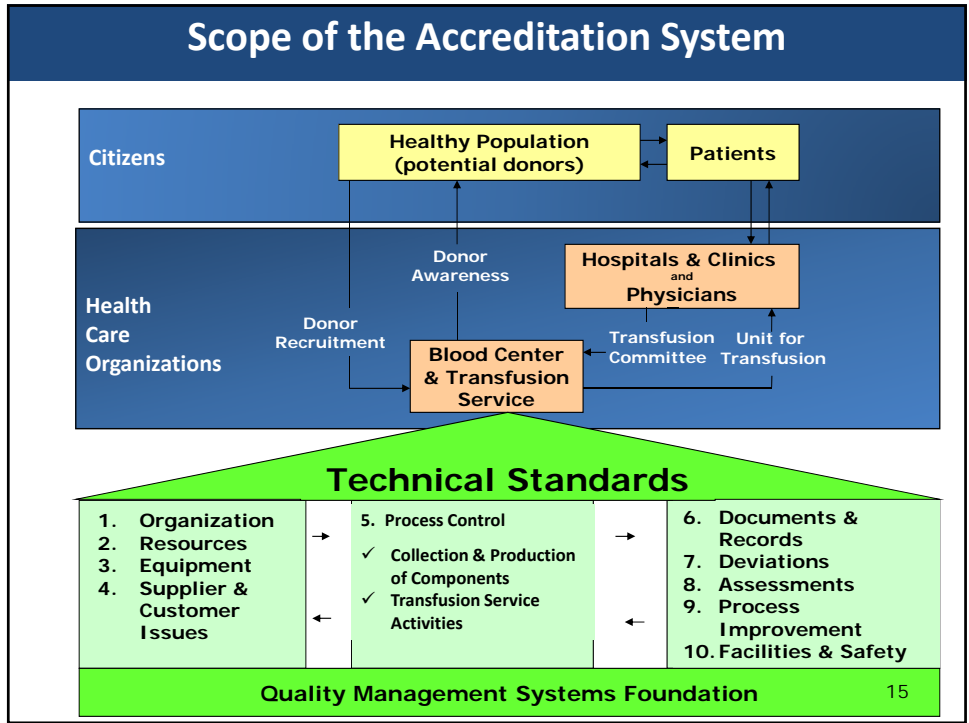
### Establishing the Partnership Training Network (PTN) Advisory Board

<b>AABB (Co-Chair)</b>	Ms. Miriam Markowitz, Chief Executive Officer, AABB
<b>United States (Co-Chair and Project Overseer)</b>	Dr. Maureen M. Goodenow, Ph.D., Senior Advisor, Bureau of East Asian and Pacific Affairs, US Department of State, Professor & Stephany W. Holloway Endowed Chair for HIV/AIDS Research, University of Florida
<b>Asia Pacific Blood Network (APBN)</b>	Dr Cheuk-Kwong Lee, Chief Executive Officer of the Hong Kong Red Cross Blood Transfusion Service (HKRCBTS) and Chair, Asia Pacific Blood Network
<b>Pan American Health Organization (PAHO)</b>	Dr. María Dolores Pérez-Rosales, MD, MPH, Regional Advisor Blood Services and Organ Transplants
<b>International Society of Blood Transfusion (ISBT)</b>	Dr. Celso Bianco, MD, President, ISBT
<b>Industry Coalition Representative</b>	Dr. Jerry Holmberg, Director, Scientific Business Development, Grifols Diagnostic Solutions Inc.
<b>Japan</b>	Dr. Kenji Tadokoro, Executive Officer, Blood Service Headquarters, Japanese Red Cross Society
<b>Mexico</b>	Dr. Julieta Rojo Medina, Director General, National Center of Blood Transfusion, Mexico

### Establishing the Partnership Training Network (PTN) Advisory Board (Continued)

<b>Indonesia</b>	Dr. Yuyun SM Soedarmono, PhD, Directorate of Basic Health Care, Ministry of Health, Republic of Indonesia
<b>Indonesia</b>	Dr. Linda Lukitari Arimurtiningrum, Chairman of Blood Transfusion & Hospitals, Indonesian Red Cross
<b>Malaysia</b>	Dr. Noryati Abu Amin, Director, National Blood Centre, Ministry of
<b>We are thrilled to report that <u>10 out of 16</u> Advisory Board Members are women, including the two co-chairs.</b>	
<b>Philippines</b>	Dr. Elizabeth Arcellana-Nuqui, National Council for Blood Services, Department of Health, Philippines
<b>China</b>	Prof. Dr. Liu Zhong, Vice President, Institute of Blood Transfusion, CAMS, Vice Director, Department of Blood Transfusion, PUMC, Editor in Chief, Chinese Journal of Blood Transfusion, People's Republic of China
<b>Singapore</b>	Dr. Diana Teo, Senior Director, Blood Services Group, Health Sciences Authority, Singapore





## COMING SOON...

### **APEC Blood Supply Chain Partnership Training Network Website**

The website will serve as the virtual platform for the APEC Life Sciences Innovation Forum (LSIF) Blood Supply Chain Partnership Training Network (PTN). The PTN supports APEC Economies with implementation of the APEC Blood Supply Chain 2020 Roadmap, welcomed by APEC Ministers and Leaders in November 2015. The website will host webinars; training materials and tools; key APEC documents; and a calendar of PTN activities.

<http://blood.apec.org>

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## SAVE THE DATE...

### **1<sup>st</sup> APEC Blood Supply Chain PTN Pilot Workshop “Embracing Quality Standards”**

**23-24 June 2016**

**Colegio Médico del Perú**

**Lima, Peru**



If interested in attending, please contact Michael Schmitz at [mschmitz@crowell.com](mailto:mschmitz@crowell.com).

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## SAVE THE DATE...

**3<sup>rd</sup> APEC Blood Supply Chain Policy Forum  
and 2<sup>nd</sup> PTN Pilot Workshop  
Late September/early October 2016  
APEC - Southeast Asia**



If interested in attending, please contact Michael Schmitz at [mschmitz@crowell.com](mailto:mschmitz@crowell.com).

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