

Asia Pacific Economic Cooperation

Roadmap for blood safety

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GRIFOLS

Agenda

What is the APEC?

Why is blood sustainability incorporated into APEC?

How does “blood” get recognition in APEC?

Development of a Blood Safety Roadmap

Establishment of the Partnership Training Network

Need for the Partnership Training Network Industry Coalition

Milestones

Asia Pacific Economic Cooperative (APEC) Overview

Launched in 1989 with 12 countries

Australia

Brunei Darussalam

Canada

Chile

China

Hong Kong

Indonesia

Japan

Republic of Korea

Malaysia

Mexico



21 Economies

New Zealand

Papua NG

Peru

The Philippines

Russia

Singapore

Chinese Taipei

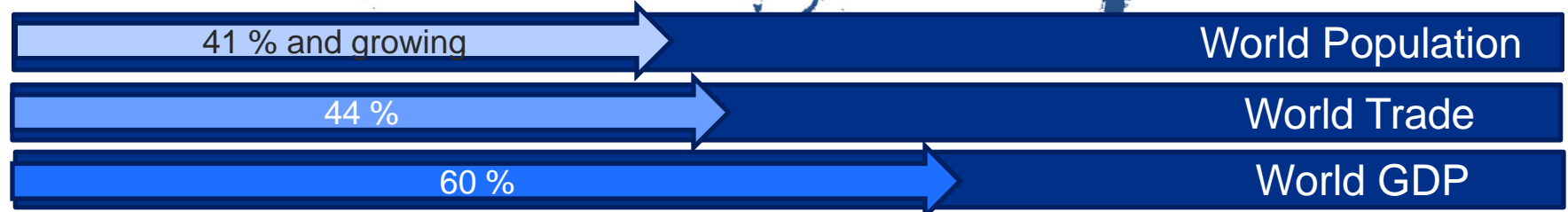
Thailand

USA

Vietnam

APEC Overview

Twenty-one economies



APEC 2015 & 2016 Priorities

“Quality growth and human development”

APEC 2015 Priorities

- Build sustainable and resilient communities
- Enhance the Regional Economic Integration agenda
- Invest in Human Capital development
- Foster SME participation in regional and global economy



APEC 2016 Priorities

- Advance regional economic integration and quality growth
- Enhance the regional food market
- Move towards the modernization of micro, small and medium-size enterprises in the APAC
- Develop human capital

“Member economies are stepping up action to promote growth to improve social mobility and living standards for people on both sides of the Pacific”

<http://www.apec.org>

APEC Host Countries – Past and Future



2011	23rd	November 12–13	 United States	Honolulu
2012	24th	September 9–10	 Russia	Vladivostok
2013	25th	October 5–7	 Indonesia	Bali
2014	26th	November 10–11	 China	Beijing
2015	<i>27th</i>	<i>November 18–19</i>	 Philippines	Manila
▶ 2016	<i>28th</i>	<i>November 2016</i>	 Peru	Lima
2017	29th	2017	 Vietnam	TBA
2018	30th	2018	 Papua New Guinea	TBA
2019	31st	2019	 Chile	TBA
2020	32nd	2020	 Malaysia	TBA
2021	33rd	2021	 New Zealand	TBA
2022	34th	2022	 Thailand	TBA

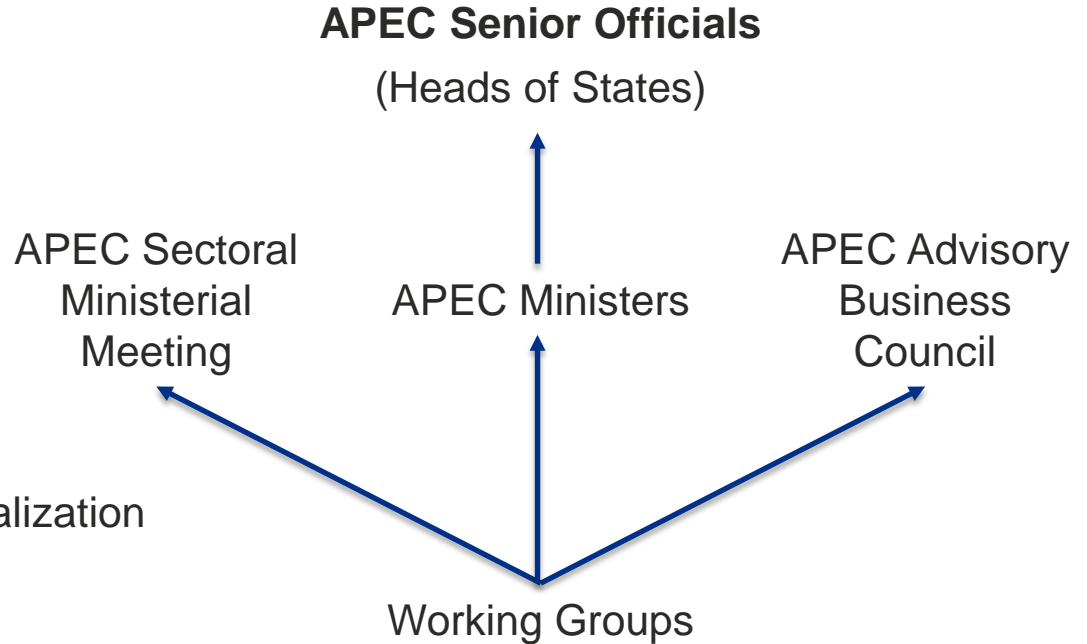
Asia Pacific Economic Cooperation (APEC)

Influencing change through Heads of States

Policy agenda

Policy endorsement

Policy research, development and finalization

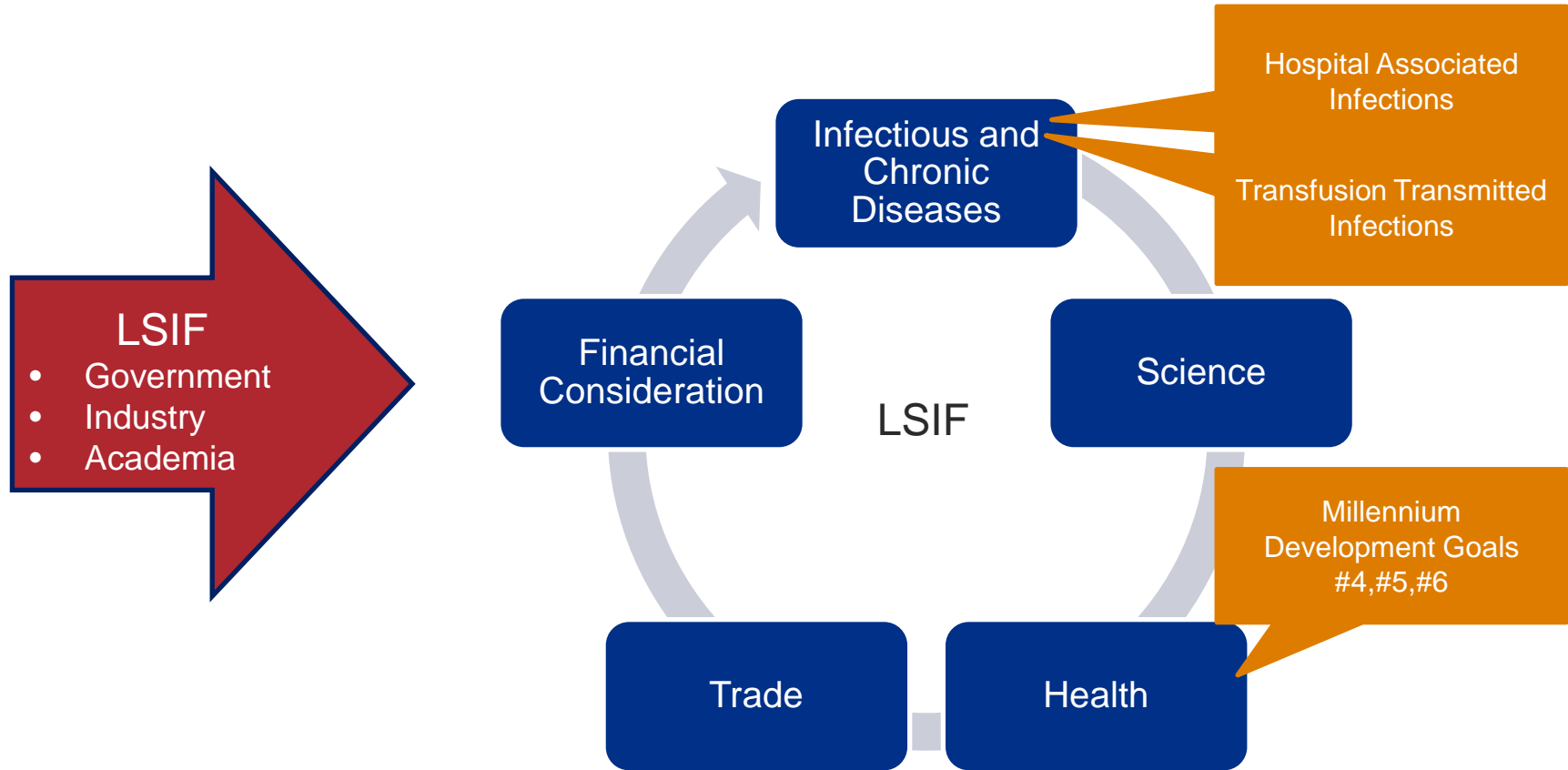


APEC Structure – Committee on Trade and Investment

Life Science Innovation Forum

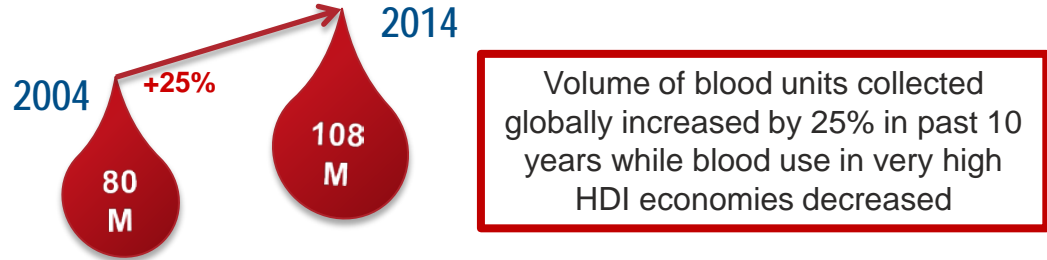
- ❑ Committee on Trade and Investment (CTI) provides a forum for 21 countries to deliberate on trade and policy issues
- ❑ CTI oversees the Life Science Innovation Forum (LSIF)
- ❑ Life sciences innovation is critical:
 - Growth and socio-economic development as healthy people produce healthy economies
 - Efficient and effective delivery of patient-focused products and services can improve a population's longevity, wellness, productivity and economic potential
- ❑ LSIF is a tripartite (**government, industry, and academia**) forum that engages representatives from the highest levels to create the right policy environment for life sciences innovation
- ❑ LSIF brings together **scientific, health, trade, economic and financial considerations** to address the challenges of infectious and chronic disease and ageing populations

Life Science Innovation Forum



Value Proposition

Growing middle-class wants a better healthcare infrastructures



A combination of national policy and local funding is critical to safe blood supply.

- 1) Advocate for appropriate political and economic environment** to ensure effective and sustainable change in National Blood Program
- 2) Engage a network of blood experts** to implement policy at local levels, while remaining neutral to local groups and country dynamic
- 3) Support strengthening blood quality management** including National Blood Program, Blood Services and Transfusion Services through the APEC Partnership Training Network
- 4) Educate about adequate quality of blood supply** and encourage train-the-trainer model

Life Science Innovation Forum

Focus on economies blood supply to achieve Millennium Development Goals

United Nations Millennium Development Goals

4 Reduce Child Mortality



#6 Combat HIV/AIDS, Malaria and other Diseases

#5 Improve Maternal Health

LSIF Blood Safety Workshop - Manila September 2014

Icon by Agnieszka Murphy | Dreamstime.com

APEC LSIF Blood Supply Chain Roadmap

Roadmap's goal: safety and sustainability of the blood supply in APEC economies

Mission:

APEC economies to improve the safety and sustainability of their blood supply by working through cross-sectoral, multi-disciplinary, coordinated and collaborative approaches to optimize their blood processing, testing, and distribution systems



APEC Blood Supply Chain 2020 Roadmap

Deliverable from workshop

Goals

- **Strengthen political commitment and national level government leadership** for improving the safety and sustainability of the blood supply by optimizing blood processing, testing and distribution systems for the advancement of public health
- **Strengthen local policy enactment** and implementation of national blood safety policies
- **Strengthen donor recruitment**, approaches to maintaining a stable volunteer donor base that ensures both availability and safety

APEC Blood Supply Chain 2020 Roadmap

Deliverable goals from workshop

- **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
- **Increase government awareness** that economies of scale are best achieved through centralization and regionalization to provide quality services at the local level
- **Increase government focus on blood testing strategies** based on the disease burden in the APEC developing economy's populations
- **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
- **Provide evidence to decision-makers** on the value of blood safety policies that facilitate data-based decisions for public health
- **Adopt patient blood management (PBM)** a standard of care used to optimize the use of a patient's own blood, thereby avoiding unnecessary blood transfusions

APEC LSIF Blood Supply Chain Roadmap

Roadmap's guides the safety and sustainability of the blood supply for economies

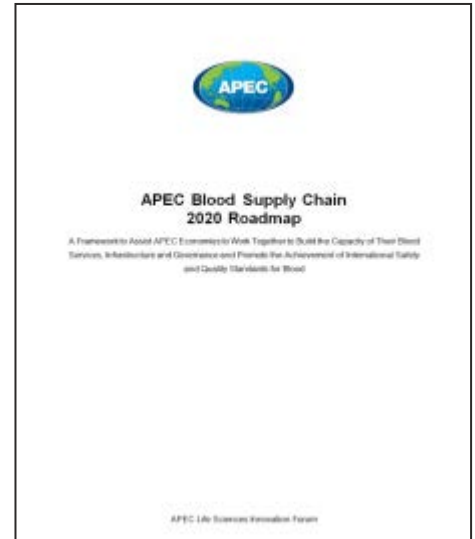
Step 1 - Assessment of gaps and capacity building priorities in APEC's developing economies - 1st Policy Forum – Manila – September 2014

Step 2 – Training (2015 -2016)

Provide training on quality systems and leadership in blood safety

2nd Policy Forum – Anaheim – October 2015

3rd Policy Forum – TBD – October 2016



Recognized a need for a Partnership Training Network (PTN) and a separate Industry Partnership Coalitions

APEC LSIF

How is the APEC roadmap supported

Blood Bank PTN Advisory Board

- High level guidance of direction of PTN

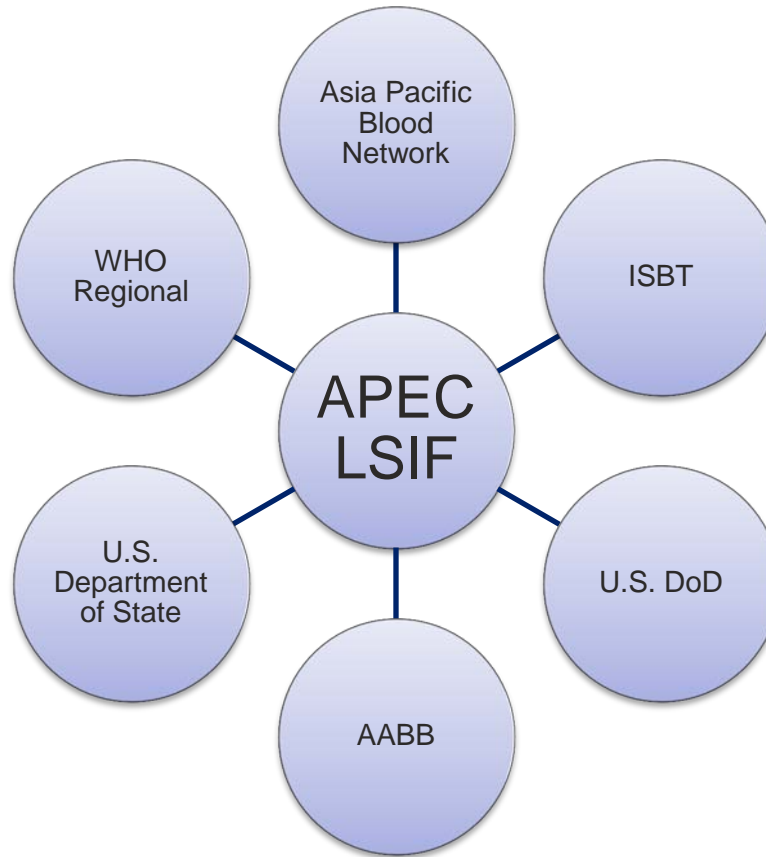
Blood Bank PTN

- Training based on needs to empower economies to reach the goals of the roadmap

PTN Coalition

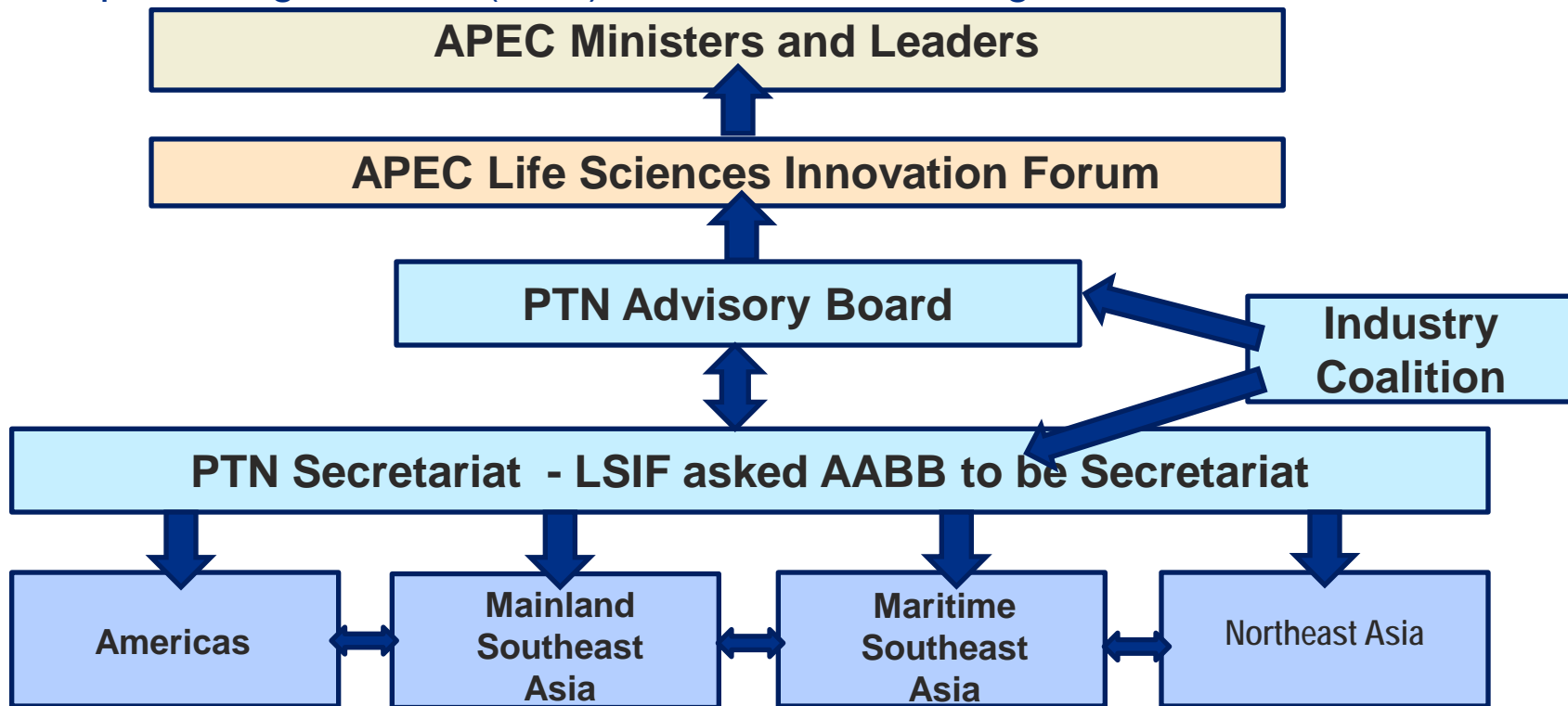
- Industry and foundations develop a coalition to facilitate activities such as the PTN to assist economies in reaching the goals of the roadmap

Partnership Training Network (PTN) Members






APEC LSIF Blood Supply Chain Partnership Training Network

Partnership Training Network (PTN) to coordinate training



APEC LSIF Blood Supply Chain Partnership Training (PTN)

Partners and representatives on the advisory board

Malaysia	National Blood Centre Malaysia	
Indonesia	Indonesia National Agency of Drug and Food Control	
China	Institute of Blood Transfusion at Chinese Academy of Medical Sciences & Peking Union Medical College	
Vietnam	National Institute of Hematology and Blood Transfusion	
Philippines	Department of Health, Philippine Food and Drug Administration, Philippine Red Cross	
Peru:	AUNA & PRONAHEBAS	
Mexico	Director General, National Center of Blood Transfusion	

APEC Industry Coalition for Blood Safety

Implementation of APEC blood supply chain 2020 roadmap

LONG TERM

Coalition Vision:

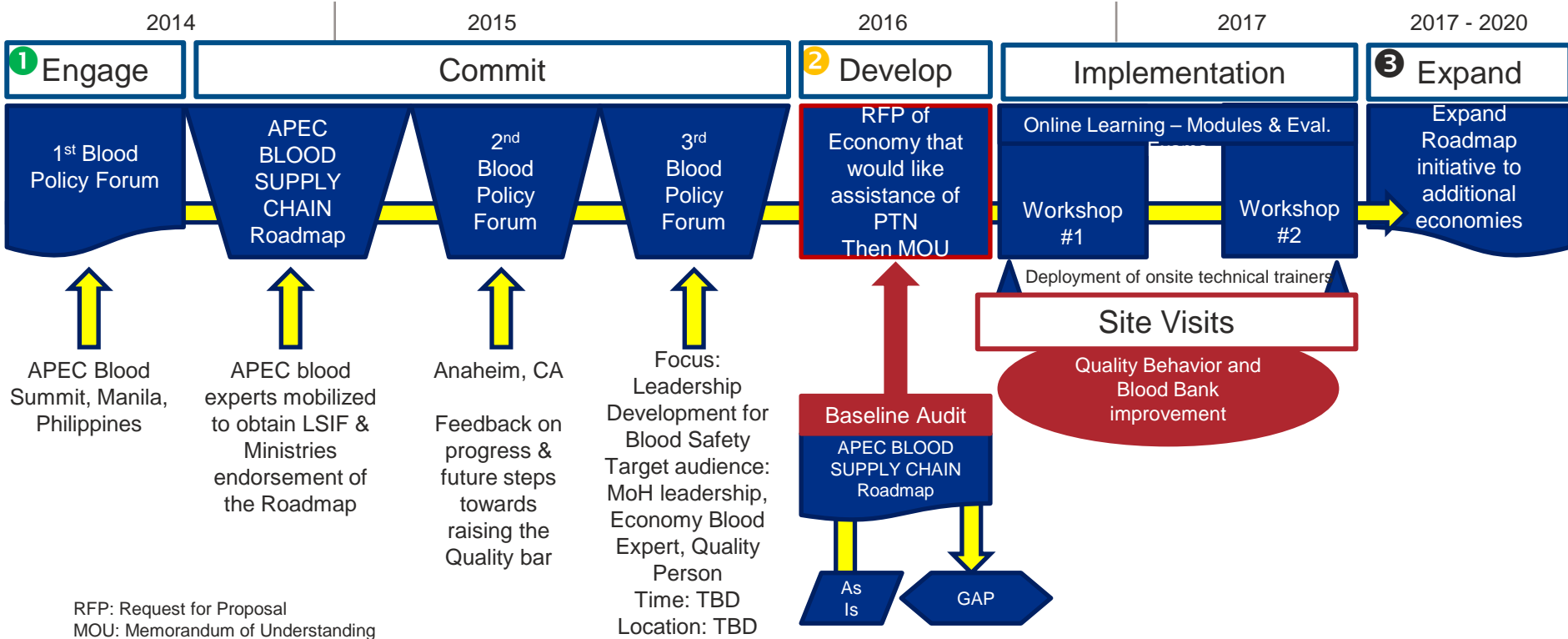
The Coalition aims to empower national blood services to reach the goals of the Blood Supply Chain 2020 Roadmap by leveraging the collective resources of industry, stakeholder organizations and existing infrastructures.

Coalition Mission:

To improve the safety and sustainability of APEC economies' blood systems by supporting the BSC PTN, including working through cross-sectoral, multi-disciplinary, coordinated and collaborative initiatives to achieve the BSC 2020 Roadmap.

APEC Safe Blood milestones

Engage, commit, develop, implement and expand



How to define the APEC Safe Blood Initiative in 3 steps

1

THINK BIG

Engage Blood Experts from 21 economies to agree on ONE common roadmap defining the path towards a Safe Blood supply.



Step 1 – Engage

2

START SMALL

Commit the project by signing a MOU with ONE MOH ready to invest in upgrading its blood system to reach international standards of Blood Supply Quality within 5 years.



Step 2 – Commit & Implement

3

SCALE FAST

Expand lesson learned to a second then third economy by reproducing a similar implementation model as step 2.



Step 3 - Expand



PERU 2016, Vietnam 2017, PNG 2018, Chile 2019



Thank You

Questions?

Terms, Meeting frequency and support

Term of Coalition: Five-year effort, concurrent with 2020 roadmap, at which time the Coalition will be disbanded unless otherwise agreed to by Coalition members and AABB Board of Directors. The dissolution of the coalition by the members in advance of the 5 year term can be decided if 2/3 majority of the members are in favor.

Meetings of the Coalition: The Steering Committee will meet in-person annually, at a time and place determined to be convenient and no less than quarterly by conference call or other means. A meeting of all members will be held at least annually in conjunction with the in-person Steering Committee meeting.

Financial Support: Members of the coalition will contribute based on a contribution schedule, incorporated into a coalition budget as proposed to, and approved by, the Steering Committee annually. Coalition funds will be reserved for the exclusive use of the Coalition, and the AABB accounting department will maintain appropriate records and accountability reporting to the Steering Committee for those purposes.