

Raising Awareness – IPAC “Call to Action”*

Chris Morgan (IPAC Chair)

Immunization Supply Chain and Logistics

A neglected but essential system for national immunization programmes



* From the WHO Immunization Practices Advisory Committee (IPAC)

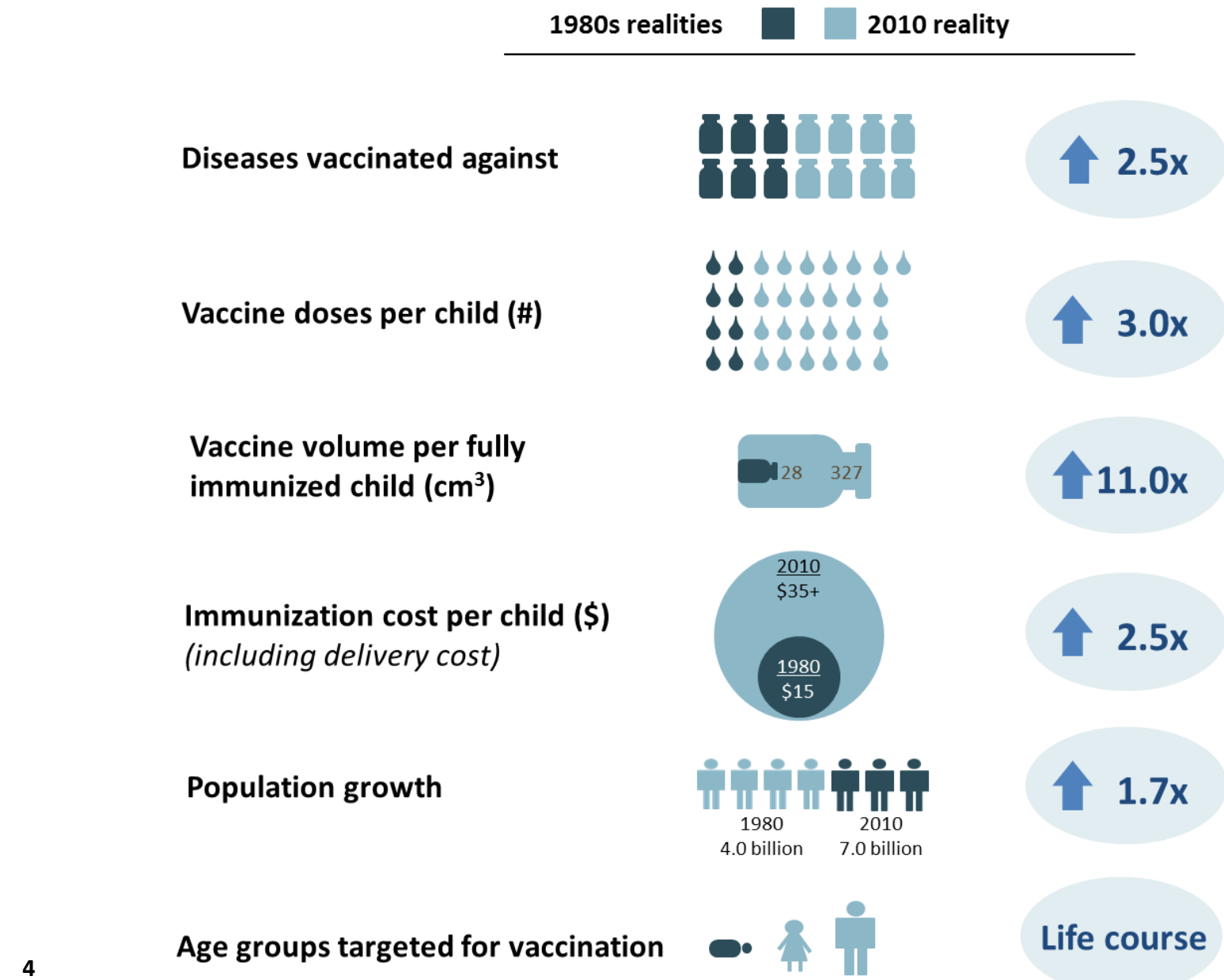
Session Outline

Challenges Identified	Solution Space	Awareness Raising	Strategies
Challenges continued - Deeper dive into the data from the EVMs including relationship with coverage	Presentation on innovative technology and system solutions to address the challenges	IPAC “Call-to-Action” to raise awareness on challenges and existing solution and calling for countries and partners to act	Presentation of the broad orientations of the GAVI Strategy, and the role of the WHO-UNICEF Hub
Paul Colrain (EVM consultant)	Patrick Lydon (WHO)	Chris Morgan (IPAC Chair)	Benjamin Schreiber (UNICEF)

The Growing Concern ...

- **Has been reflected in IPAC discussions for some time**
- **Immunization Supply Chain & Logistics (ISCL) systems have not kept pace with new challenges:**
 - More doses of more and bulkier vaccines protecting against more diseases, administered to expanding populations
 - Increased scope and complexity of storage and transport
- **A history of piecemeal rather than strategic growth in ISCL systems**
- **Serious consequences documented**
 - Gaps in coverage and quality of service provision
 - Inefficiencies and wastage in resource utilization

This is today's new reality and paradigm shift



Vaccine Arrival

Frequency and quantities are increasing



One of 20+
vaccine shipments
arriving per year

The Growing Concern...has led to this “Call to Action”

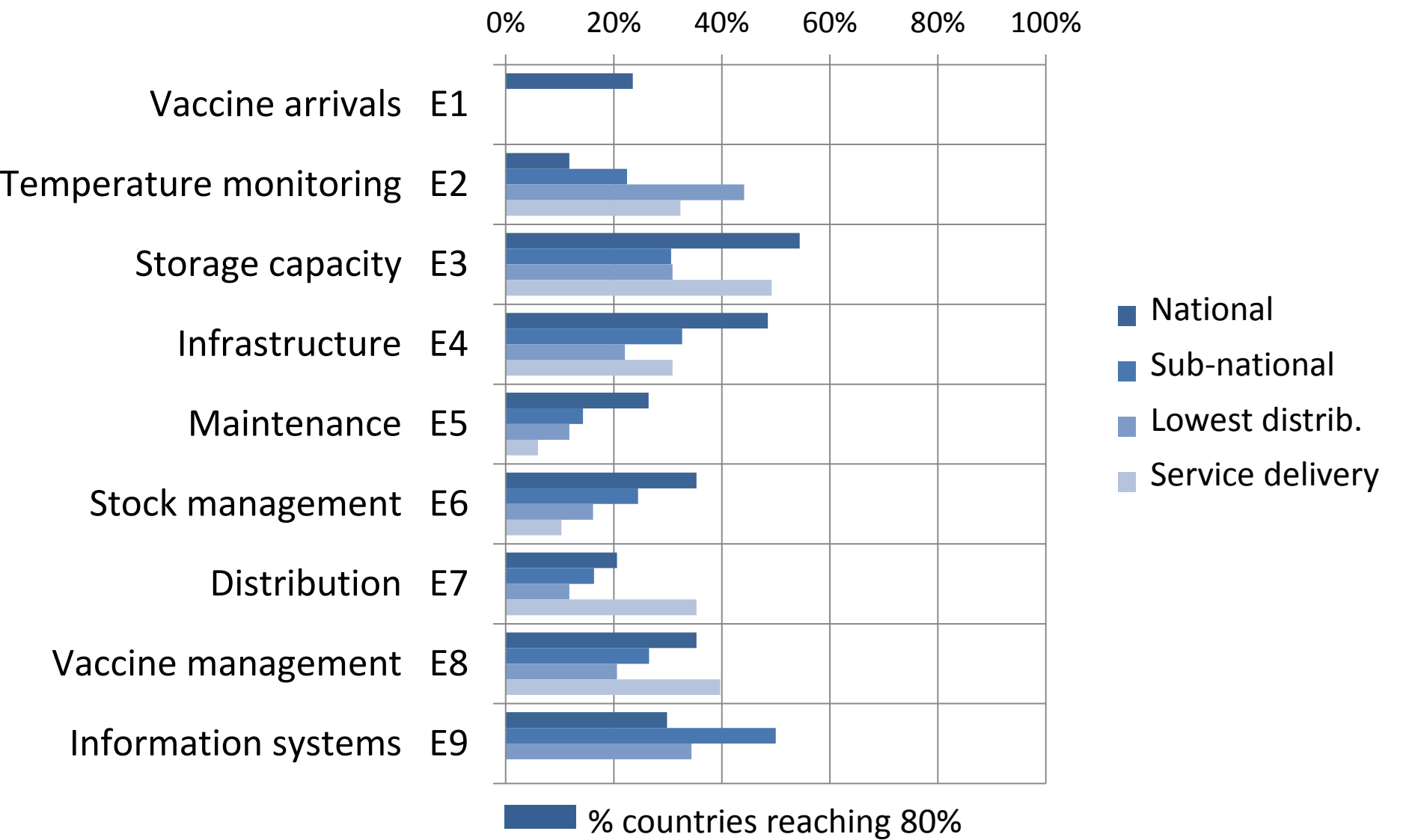
- ISCL problems identified as a common constraint affecting many areas of immunization service delivery
- IPAC proposes a single Call-to-Action
 - Supporting other integrated iSCL strategy development
- The Call-to-Action is intended to provide an authoritative statement
 - Succinct for policy-makers, but with enough detail to indicate useful directions
 - Supporting change led by national programme managers and those working in global or regional agencies



*A well organized, but overloaded refrigerator in Mozambique.
Source: R. Biellik*

Effective Vaccine Management (EVM) Assessment

- IPAC notes the lack of routine monitoring data, but that EVM assessments show widespread system deficiencies



Distribution

Reaching the last mile with vaccines is that hardest



Reaching the last mile with more vaccines is a challenge

The “Call to Action” Recommendations

Firstly for National Immunization Programmes

- 1. Measure, monitor, and evaluate the health of the iSCL system**
 - Implement routine information systems to assess performance for availability, quality, and cost
 - Apply the *Effective Vaccine Management (EVM) tool and improvement process* to assess the state of iSCL systems... and prioritize improvements
- 2. Plan and implement improvements**
 - Based on EVM assessments, and strengthened monitoring, prepare and implement costed improvement plans that address system weaknesses
 - Introduce supply chain innovations that produce increased visibility and flexibility to manage future changes in iSCL systems

Menu of Steps and Innovations

For National Immunization Programmes

Consider tomorrow's expanding needs

Introduce supply chain innovations

- Supply Chain Redesign
- Supply Chain Modelling
- Vendor Managed Inventory
- Outsourcing
- Logistic Management Information Systems
- Incentive Pay
- Worker Training



Source: A. Garnett

Menu of Steps and Innovations (ctnd)

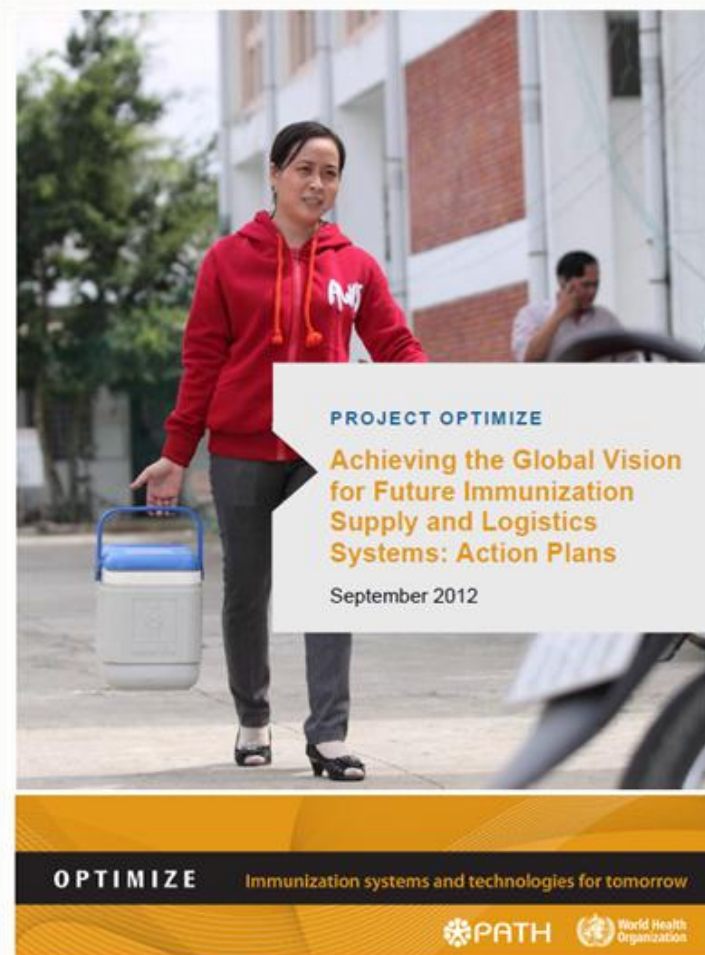
For National Immunization Programmes

Link Implementation Plans

- to coordinate with other investments in vaccines, and medical supplies systems

Use resources

- Project Optimize : library of iSCL improvements
- Technet-21 : collaborative forum for experts
- USAID | DELIVER PROJECT : library of tools, studies, and policies
- International Association of Public Health Logisticians



The “Call to Action” Recommendations

Secondly for the Global Community of Partners

1. Increase awareness and investment

- Call attention to the complexities of immunization supply chains, culminating in the need to support ISCL systems with increased funding to invest in the vital elements of all national immunization programmes: people and data as well as infrastructure

2. Address ISCL when formulating immunization recommendations

- Factor in the best available field evidence on implementation and ISCL system performance when formulating policy recommendations

3. Harmonise ISCL systems

- In the context of a broader Health System, take more deliberate advantage of new vaccination initiatives to build upon and strengthen an integrated ISCL system across programmes

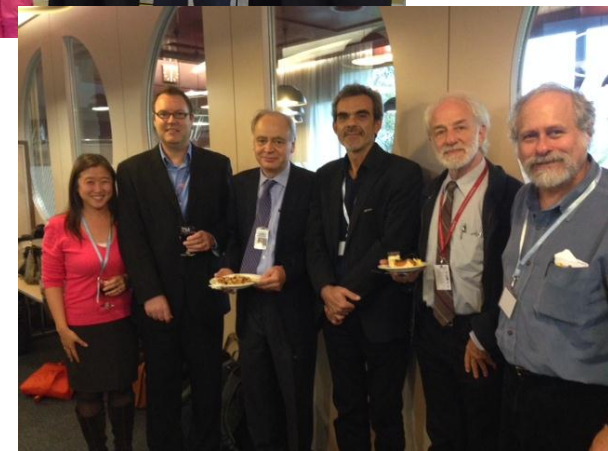
4. Identify and resolve knowledge gaps to accelerate learning and spread solutions

- There is need for further evidence on effectiveness of supply chain innovations. The global community of partners must highlight ISCL knowledge gaps, identify what is working, where possible, commission comparative studies of potential solutions, and accelerate the spread of proven approaches

What Next...

1. **Endorsement of the IPAC Call-to-Action at this meeting**
2. **Global and regional dissemination**
 - National Programmes
 - Global partners
3. **Continuing integration of this Call-to-Action with other initiatives**
 - Continued development and implementation of the EVM process, and follow-up on improvement recommendations
 - Joint WHO-UNICEF Statement on EVM
 - GAVI Immunization Supply Chains Strategy

With thanks to the IPAC Working Group: Robin Biellik, Xavier Bosch-Capblanch, Jean-Marc Olivé, Osman Mansoor, Diana Chang-Blanc, Patrick Lydon, and Ryan McWhorter.



*Some of IPAC ISCL Working Group
Source: Patrick Lydon; Ryan McWhorter*