International Summit on Vaccine Coding & Standards

NATHAN BUNKER & FRANÇOIS KAAG

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BORDEAUX FRANCE

International Summit on Vaccine Coding & Standards

International Vaccine Code (IVC) Initiative

IVC International Vaccine Codes

Welcome!

Logistics

- WiFi

- Restrooms / Toilettes

International Vaccine Codes

International Vaccine Code (IVC) Initiative

- Welcome to Bordeaux!
  - We are so happy to see you here.

- Cochair Introductions
  - François Kaag (SYADEM)
  - Nathan Bunker (AIRA)
  - Jeremy Rodgers (NHS England)

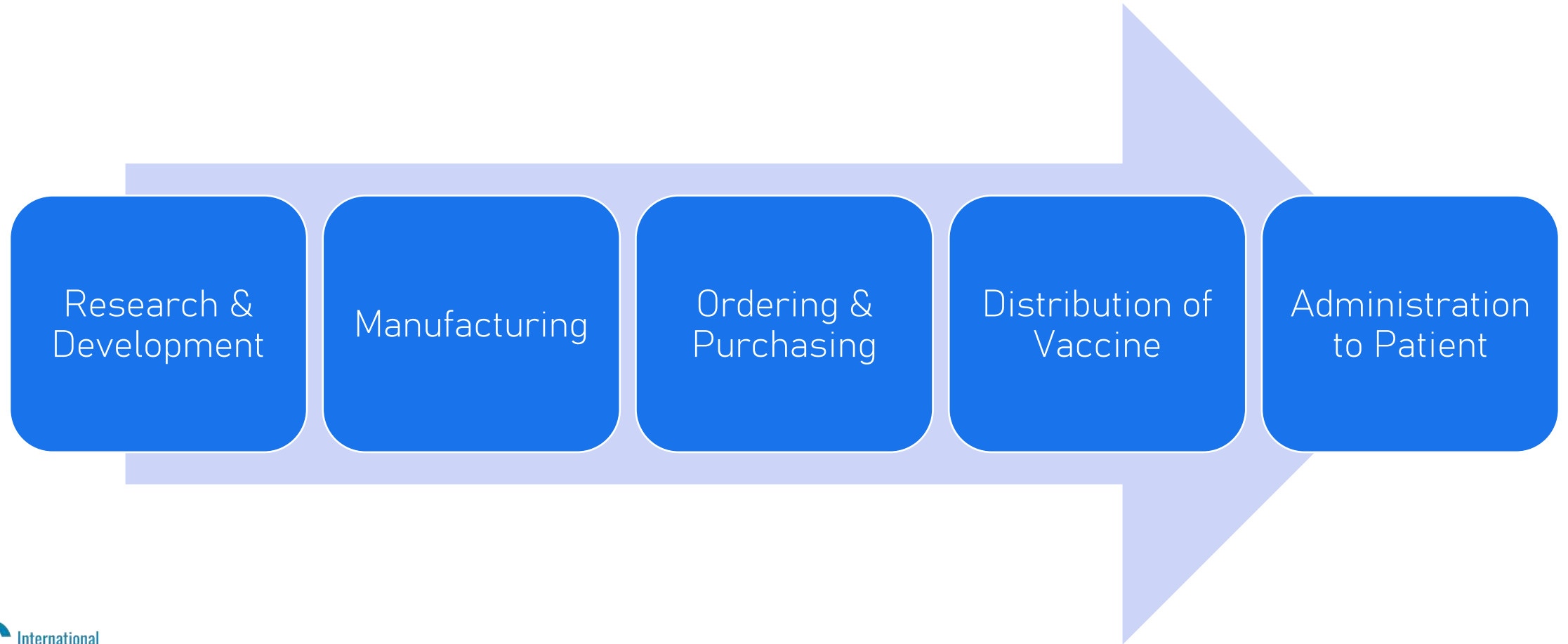# Why We Need IVC – The Real World Problem

- Have you ever struggled to interpret a foreign vaccination record?

- Are you working with vaccine data that doesn't align with international standards?

- Do you see gaps in your country's ability to track lifetime immunization histories?

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Can You Read This Record?

- We struggle now with paper

- But digital systems will be more brittle

What is Missing?

Research & Development → Manufacturing → Ordering & Purchasing → Distribution of Vaccine → Administration to Patient

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The Hidden Work of Recording Vaccinations

Vaccine Code Experts are expected to "know what to do" but are missing critical information and support

| Research & Development | Manufacturing | Ordering & Purchasing | Distribution of Vaccine | Administration to Patient | Recording Permanently |

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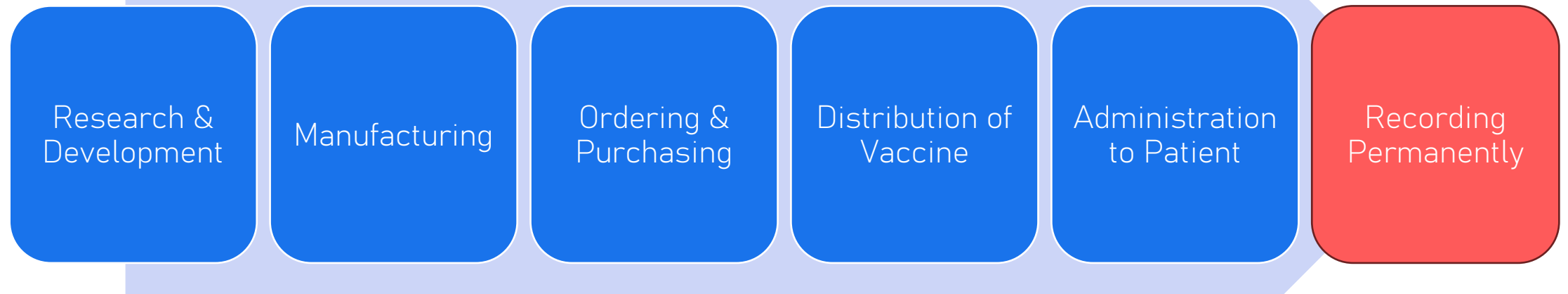
Wake-Up Call

- In the U.S. we have visitors from around the world

- We need to represent any vaccination given anywhere

- CDC vaccine code expert knows U.S. immunization practices very well

- But has no access to a global network of experts

Imagine a network where code experts around the world could talk to each other in real time. That's what we're

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Need for Collaboration

- The push for digital health records is accelerating, but without standardized vaccine coding, progress is disorganized and inconsistent.

- Every country codes vaccines differently, making it difficult to track immunizations across borders.

- The IVC is here to create a network to help in improving this.

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Needs Meets Opportunity

Conjunction of a need and an opportunity.

The Need	The Opportunity
Organize the international collaboration of vaccine code experts.	Introductionn of the Unified Nomenclature of Vaccines (NUVA) as a global common good.

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What is NUVA?
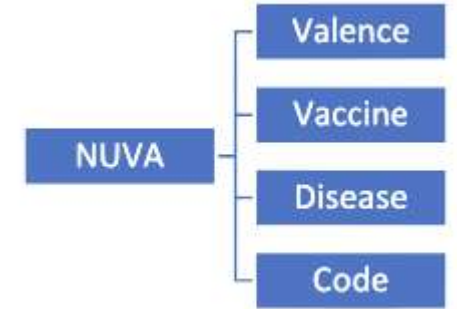
Unified Nomenclature for Vaccines (NUVA)
- An ontology of vaccine codes from many code systems
- A functional description of each vaccine code for the purpose of recording administered vaccines
- Supports conversion from one code system to another
- A toolbox for interpreting, converting, evaluating code systems

Originally developed by SYADEM for its vaccination decision support systems, it is now offered as a global common good to the vaccine coding community.

What We've Built So Far

Monthly Calls

IVC Website

Country Interviews

Mappings & Metrics

IVC — International Vaccine Codes

Q1: Where are you calling in from, or where did you travel from?

[Map of the world interaction]

Q2: Are you in Bordeaux or online?

- In person

- Online

Q3: Is your work mostly national or international?

- I focus on one country

- I work across countries

- Both

Q4: How would you describe your familiarity with vaccine coding?

- I work with codes every day

- I understand them but don't manage them

- I know the concept but not the details

- I'm new to this area

Q5: How much experience do you have with vaccinations?

- New to me

- Somewhat familiar

- Know them well

- Extensive experience

Q6: What vaccine code systems have you worked with?

[Open text — show cloud or word list]

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Q7: What's one thing that works well with vaccine codes today?

[Open text – look for examples to prompt speakers]

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Q8: What doesn't work well or could be improved?

[This is your launchpad for discussion]

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Backup Questions

- "If you could ask one question to a vaccine code expert in another country, what would it be?"

- "What's one thing you wish you understood better about how vaccinations are recorded?"

- "What's your biggest fear about digital immunization records over the next 10 years?"

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Goals of This Meeting

1. **Build Shared Understanding**
   - Why vaccine coding matters
   - What NUVA is
   - How the IVC initiative is taking shape.
2. **Share Experiences and Challenges**
   - Voice real-world issues, successes, and insights
3. **Explore Opportunities for Collaboration**
   - Where we can we align across countries and systems?
4. **Co-Imagine the Future of IVC**
   - Brainstorm future directions, priorities, and contributions
5. **Lay the Groundwork for Action**
   - Consider what you can contribute to IVC's next chapter

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