

# ABOUT OH-DREAM WORKING GROUPS

## WHAT ARE OH-DREAM WORKING GROUPS?

The One Health-Design Research and Mentorship Working Groups (OH-DReaM) are technical groups formed at the country level. They consist of Strategies to Prevent (STOP) Spillover Country Team members, local stakeholders, and STOP Spillover Resource Hub members who have technical expertise in specific issue areas – working together to address a specific thematic area, help close an information or data gap, or develop an intervention.

The OH-DReaM Working Groups will focus on three main activities:

### **CONDUCTING RESEARCH TO ADDRESS KNOWLEDGE GAPS**

Countries will form OH-DReaM Working Groups to characterize risks through data collection to better understand the human drivers of viral emergence, transmission, and spread, along with virus and reservoir host ecology, and will use that evidence to inform the development of population or policy-level intervention strategies. While some OH-DReaM Working Groups will focus on systematically assembling and organizing existing data on disease surveillance, laboratory capacity, and monitoring, others will address key knowledge gaps through research.

### **DESIGNING AND VALIDATING INTERVENTIONS**

Using the expertise of the OH-DReaM Working Groups, countries will design interventions to reduce the risk of priority emerging zoonotic viruses spilling over from animals to people. Once stakeholders have identified potential interventions during a comprehensive in-country outcome mapping process and have described high-risk interfaces and causal pathways, OH-DReaM Working Groups will design interventions and identify skills, motivations, networks, and resources needed to test and implement the proposed interventions. Design OH-DReaM Working Groups will be

multidisciplinary and will work across different sectors. Interventions will be disease- and country-specific and may include social and behavior change, biosecurity, biosafety, land use and ecological approaches, surveillance, and advocacy and/or policy change. STOP Spillover will encourage country-level OH-DReaM Working Groups to understand the spillover ecosystem and identify holistic interventions.

After the design process is complete, the Working Group will also develop plans to validate each intervention. To do this, OH-DReaM Working Groups will leverage partnerships to consolidate existing resources from government, civil society, and the private sector, will build on what is already funded to maximize the utility for zoonotic disease testing and monitoring, and will leverage additional funding needed through public-private partnerships.

### **STRENGTHENING IN-COUNTRY CAPACITY AND TRANSFERRING KNOWLEDGE AND SKILLS THROUGH MENTORSHIP OPPORTUNITIES**

Through the OH-DReaM Working Groups, the Resource Hubs will transfer technical knowledge and skills and help strengthen the technical capacity of the Country Teams and stakeholders by providing support and mentorship in gap analysis research, proposal development, the field research process, scientific and technical writing, and the design and validation of interventions.

The Working Groups are some of the main implementers of STOP Spillover’s project activities in partner countries, and will be active across all three STOP Spillover objectives:

OBJECTIVE 1	OBJECTIVE 2	OBJECTIVE 3
Strengthen country capacity to monitor, analyze, and characterize the risk of priority emerging zoonotic viruses spillover over from animals to people.	Strengthen country capacity to develop, test, and implement interventions to reduce risk of priority emerging zoonotic viruses spillover over from animals to people	Strengthen country capacity to mitigate amplification and spread of priority zoonotic diseases in human populations

## OH-DREAM WORKING GROUP MEMBERS

Led by a STOP Spillover Country Team member who is a subject matter expert in areas relevant to the Working Group such as risk analysis, climate resilience, food security, infectious disease surveillance, wildlife, and social and behavior change, groups will include key stakeholders and technical experts from the private sector, academia, and NGOs, as well as leaders from communities with high-risk interfaces and government officials.

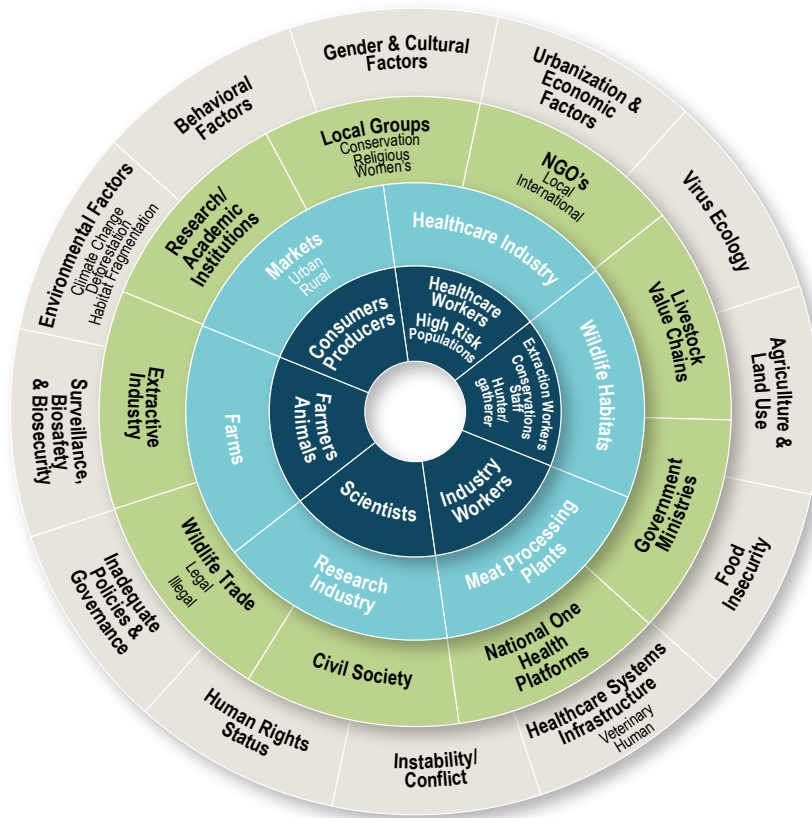
The Spillover Ecosystem is complex and includes multiple factors and many sectors. This Spillover Ecosystem map demonstrates the factors that drive spillover at high-risk

interfaces, as well as the potential stakeholders that could be engaged in risk reduction activities and in OH-DReaM Working Groups.

### OH-DREAM WORKING GROUP MEMBER SELECTION PROCESS

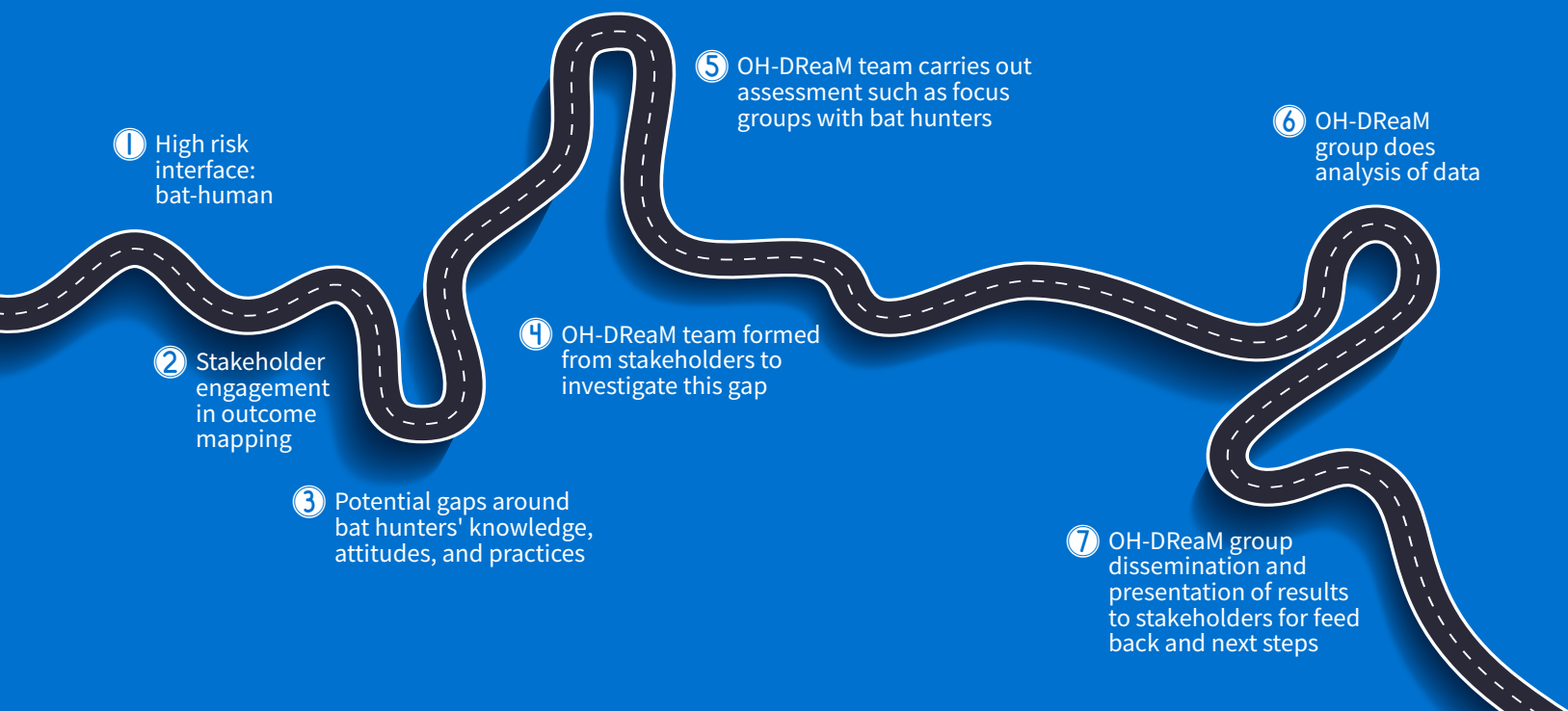
Each Working Group will consist of members who will be selected based on their qualifications in that group’s thematic area. After consultation with Resource Hubs, the OH-DreaM Working Group lead for a specific thematic area will work with the Country Team lead to extend invitations to individuals to join their OH-DReaM Working Group.

## SPILOVER ECOSYSTEM



Drivers of Spillover
  Potential Stakeholders
  High-Risk Interfaces
  Populations at Risk

## SAMPLE OH-DREAM GROUP FORMATION



Group members must be highly qualified in the issue area as well as have availability to support field work activities. Young or mid-career personnel and graduate students, in addition to more senior researchers and professionals, will be considered.

The Country Team and Resource Hubs will ensure that the process for constituting the Working Groups is consistent within each of STOP Spillover's priority countries and will strive for equitable representation across genders, age, ethnicity, and other important attributes.

## OH-DREAM WORKING GROUP MENTORS

The mentors are members of the STOP Spillover Resource Hubs who have technical expertise in particular thematic areas. Some examples of the mentors who will be engaged and embedded in OH-DReaM Working Groups include:



### DR. DIAFUKA SAILA-NGITA

Research Associate Professor at Cummings School of Veterinary Medicine at Tufts University and co-lead of the Surveillance, Modeling, and Mapping Hub for STOP Spillover.

### DR. ELAINE FAUSTMAN



Director of the Institute for Risk Analysis and Risk Communication (RAC) at the University of Washington who leads the Risk Analysis and Communications Hub for STOP Spillover.

## ONBOARDING NEW MEMBERS

The OH-DReaM Working Groups will be onboarded and trained by the Resource Hubs. New members will receive overview information about STOP Spillover, as well as training tailored to the member's needs including specific subject matter training depending upon the work or task of each group (e.g., PPE for active sampling of wild and domestic animals, qualitative research methods, etc.).



### DR. KATHERINE PRAGER

A disease ecologist and wildlife veterinarian based at the University of California, Los Angeles, and part of the Wildlife, Livestock, Epidemiology, Social and Behavior Change, and Gender Hub for STOP Spillover.



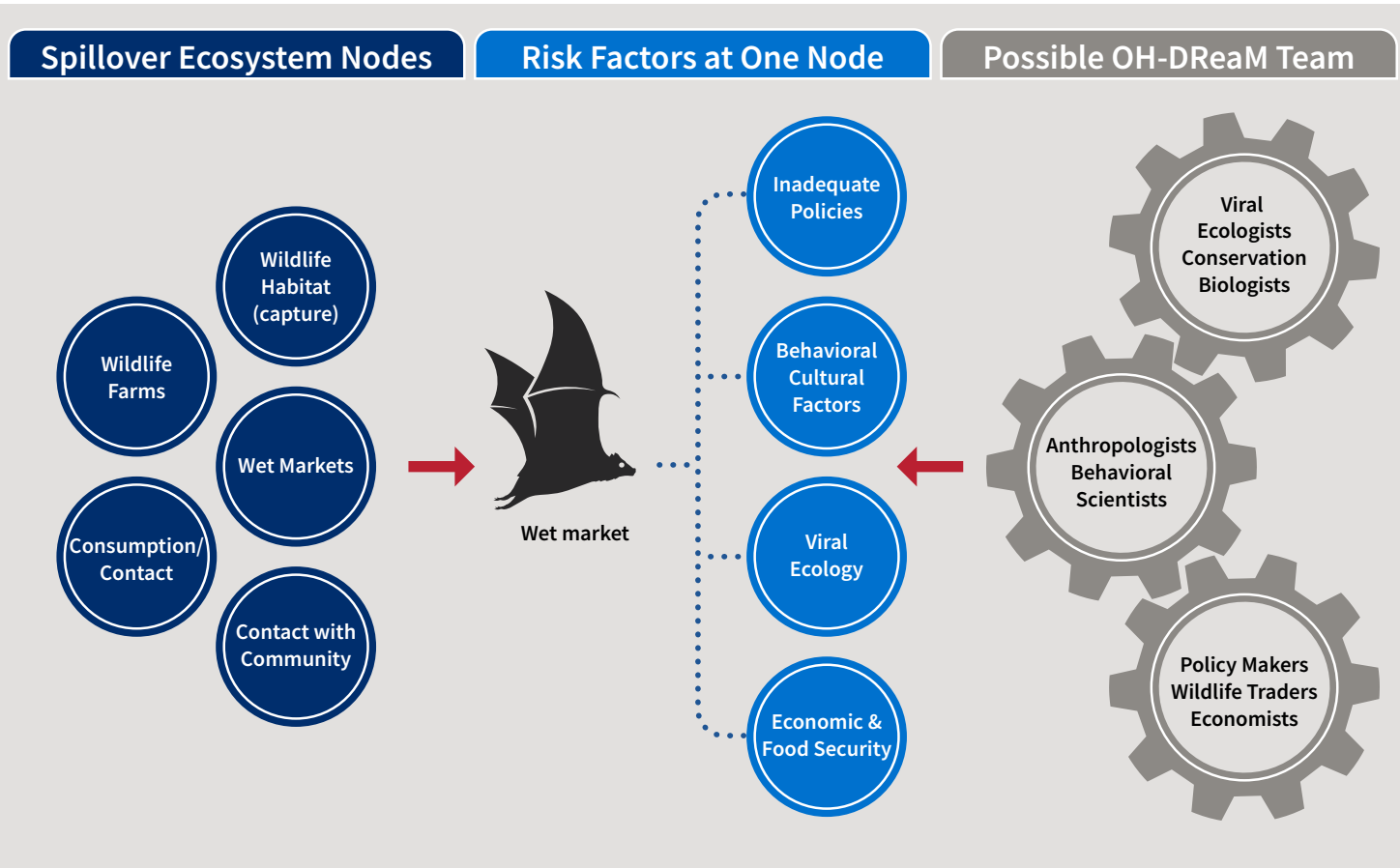
### DR. PATRICK WEBB

Co-lead of the Food, Water, Air, Climate, Livelihoods and Economics, Policy and Security (FWA) Hub for STOP Spillover, and a professor of nutrition at the Friedman School of Nutrition at Tufts University with expertise in food policy analysis, agriculture systems, international nutrition programming, and emergency relief.

## ILLUSTRATIVE EXAMPLE OF HOW OH-DREAM WORKING GROUPS CAN HELP ACHIEVE STOP SPILLOVER'S OBJECTIVES

Stakeholders will identify potential high-risk interfaces such as wet markets and wildlife farms depicted in the figure below. Various factors that drive spillover at one high-risk interface will then be further identified. For the wet market example some potential risk factors include inadequate regulatory policies for marketing live animals, or behavioral and cultural factors that lead to consumption of wildlife.

OH-DReaM Working Groups can form around these key issues to do gap analysis or develop interventions. For example, a group could consist of anthropologists, social and behavior change specialists and behavioral scientists examining the behavioral and cultural factors that lead to spillover at a specific interface.



## WHAT ARE THE BENEFITS OF BEING PART OF AN OH-DREAM WORKING GROUP?

- Practical, hands-on experience, learning by doing
- Acquiring new skills
- Networking
- Interaction with international and local experts and access to mentorship opportunities
- Cross pollination of ideas across countries and regions

## OH-DREAM FREQUENTLY ASKED QUESTIONS

### **HOW MANY MEMBERS ARE IN EACH OH-DREAM WORKING GROUP?**

OH-DReaM Working Groups will typically consist of six to ten people, including a Country Team member, a Resource Hub member, and stakeholders. Groups of this small size will allow for greater discussion and engagement by the participants.

### **WHERE IS THE GROUP SITUATED?**

The OH-DReaM Working Group will be administered and managed virtually except for when the group is implementing field-based activities. Most of the team members will be based in country and can meet face-to-face if and when they need to.

### **WHO WILL MANAGE THE WORKING GROUP AND HOW WILL THE GROUPS BE FUNDED?**

An OH-DReaM Working Group lead, who is a member of the STOP Spillover Country Team, will manage each group. The selection of the lead will depend on the technical focus of that group. If it is a group focused on wildlife, then the wildlife specialist on the country team will manage the group, with the support of the Wildlife, Livestock, Epidemiology, Social and Behavior Change, and Gender Hub. Groups will be funded through the local STOP Spillover organization – AFROHUN, SEAOHUN, or icddr,b.

### **WHAT DETERMINES THE FORMATION OF A WORKING GROUP ON A SPECIFIC TOPIC?**

During the outcome mapping process, stakeholders will identify risk-related research gaps, opportunities, and preliminary interventions. OH-DReaM Working Groups will form in alignment with these gaps and specific thematic areas.

### **HOW LONG WILL THE GROUP OPERATE?**

Multiple OH-DReaM Working Groups may be active in each country, depending upon the issues and topics prioritized by each country, and OH-DReaM Working Groups may have different timelines depending upon the task (e.g., if waste-water surveillance needs to be done every year for the length of the project, then the team will continue to operate). While some Working Groups may only be convened for a short period of time (e.g., three months in order to conduct a behavioral risk assessment).

### **HOW AND WHEN IS PROGRESS MONITORED?**

Each OH-DReaM Working Group will create its vision and a timeline of what it wants to achieve – with progress markers along the way. The Working Group lead will be responsible for monitoring and evaluating the group's work, as well as completing an assessment of the team.

### **WHO WILL PROVIDE TECHNICAL EXPERTISE TO THE WORKING GROUPS?**

STOP Spillover's Resource Hub members will be embedded in relevant groups to provide technical assistance as needed. There are four Resource Hubs at STOP Spillover:

- Surveillance, Mapping, and Modeling (SMM)
- Risk Analysis and Communication (RAC)
- Food, Water, Air, Climate, Livelihoods and Economics, Policy and Security (FWA)
- Wildlife, Livestock, Epidemiology, Social and Behavior Change, and Gender (WLE):



Tufts University



Africa One Health University Network



Southeast Asia One Health University Network



icddr,b



Right Track Africa



JSI Research & Training Institute, Inc.



Tetra Tech

Tetra Tech



University of Washington



University of Glasgow



University of California, Los Angeles



Broad Institute



University of Nebraska Medical Center



Humanitarian OpenStreetMap Team



Internews

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