

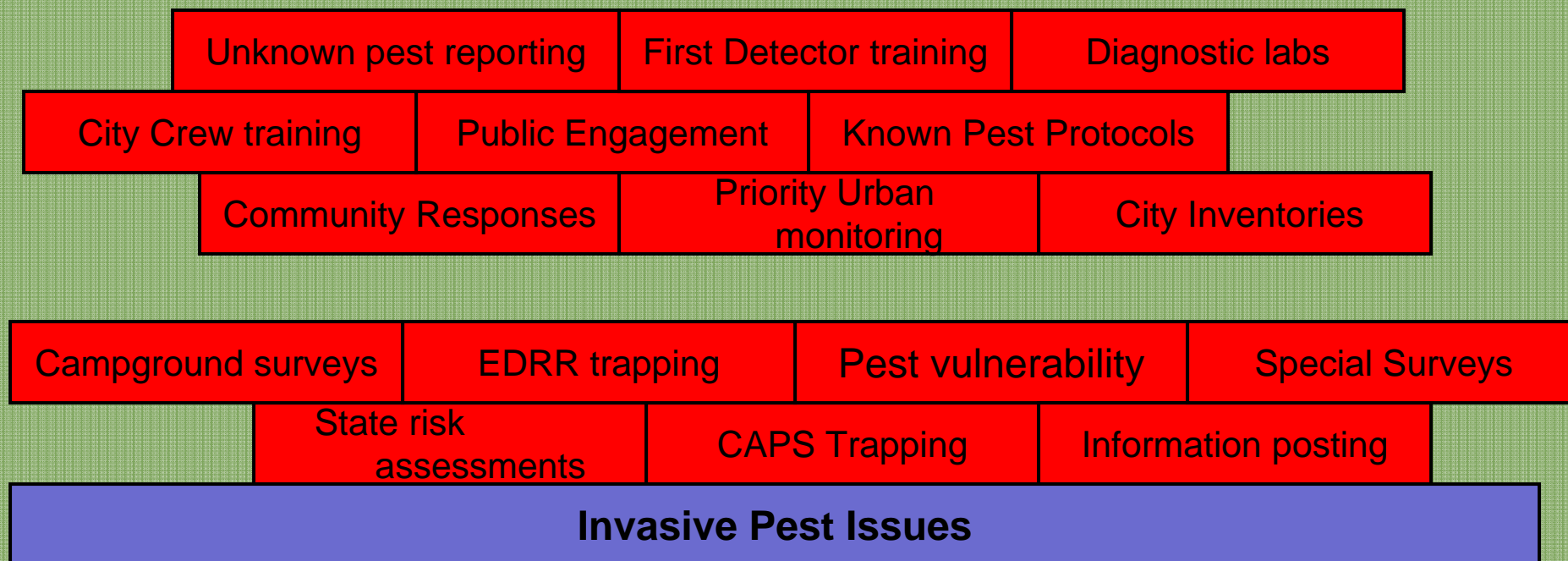
HEALTHY URBAN TREE INITIATIVE



Urban Forest Health Monitoring for Earlier Pest Detection & Response



To be More Effective we need to:
Align the Pieces and Add a Community Level
“Line of Defense”



A USFS Systems Approach



3. Urban Tree Inventory...

Community level inventory is needed to make site specific mgmt decisions. *(FS UCF, States-DNR, ISA, SMA)*

2. Engage Priority Communities...

High risk communities need to be part of the monitoring and response network *(FS UCF, States-DNR, ISA, SMA)*

1. Prioritized Monitoring...

Commodity shipping and host risk analysis can help identify priority communities for integrated monitoring. *(APHIS, FS-R, States –DOA, Universities)*

4. Look for known pests...

a pest protocol & training (like IPED) is part of local tree inventory to identify known FH issues. *(FS FHP, States DOA & DNR, NIFA, SMA)*

7. Identifying Unknowns...

Public engagement includes proper contacts & procedures to report unknown pests for proper identification. *(NIFA, FS FHP, States DNR & DOA)*

5. Easy to use Central Data Mgmt...

- The (Urban Forest Health Info Center – UFORHIC) can house local tree inventory and IPED data enabling access & analysis of pest risk, trends, and mgmt needs at multiple scales.
- UFORHIC will provide links and user information on I-Tree tools, pest alerts, and other pest & Urban FH information. *(FS FHP & UCF, States DNR)*

6. Public Engagement...

- Urban Forest Health Monitoring and First Detector training are integrated to recruit citizen involvement for finding known and unknown pests earlier.
- City Foresters are a key link to public reporting networks. NPDN is a key partnership for identifying unknown pests. *(NIFA, FS FHP, States DNR & DOA)*

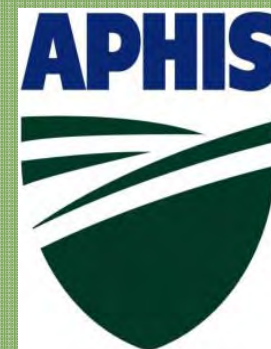
The Result
An effective and efficient
Urban Forest Health
Monitoring effort supports
Earlier detection and
responses to protect our
Urban forests

INITIATIVE COMPONENTS

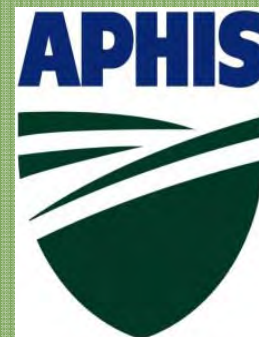
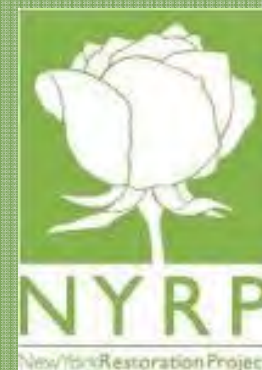
- Establish national and local coordinating partnerships
- Assess urban forest health
- Develop trainings, and tools
- Engage youth and the public in tree stewardship
- Outreach and communications to raise public awareness
- Tree planting, stewardship and tree health monitoring



STEERING COMMITTEE



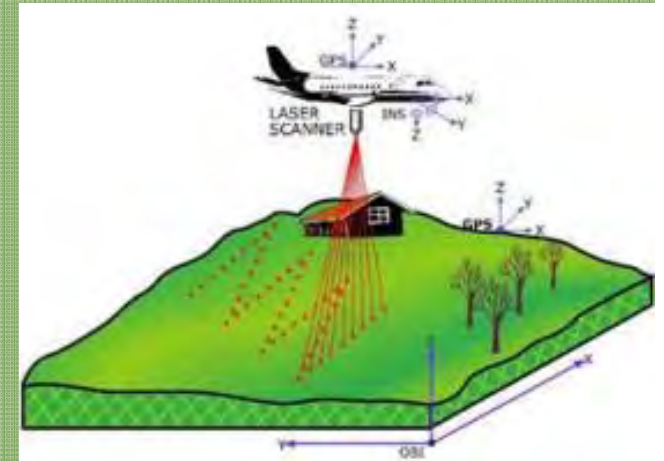
LOCAL PARTNERSHIPS



URBAN FOREST INVENTORY AND HEALTH ASSESSMENT



i-Tree



USDA
United States
Department of
Agriculture
Forest Service
Northern
Research Station
Resource Bulletin NRS-9

**Assessing Urban Forest
Effects and Values**

New York City's Urban Forest

A collage of three images: the top image shows the New York City skyline with the Empire State Building; the bottom left image shows a residential building with a green lawn; the bottom right image shows a street scene with trees and a car.

Northern
RESEARCH STATION
2004 Forest Service

UFORE
Urban Forest Effects Model



TREE HEALTH MONITORING TOOLS AND TRAINING



YOUTH AND PUBLIC ENGAGEMENT



PUBLIC OUTREACH



TREE PLANTING AND CANOPY ENHANCEMENT



TREE STEWARDSHIP



From mulching to watering trees, NYRP engages New Yorkers of all ages in the stewardship of our city's leafy, green neighbors — ensuring their

DISCUSSION AND QUESTIONS

