

IPRO 350  
Environmental and Urban  
Wood Reclamation



# Problem

Most urban timber is not currently being used to its fullest potential.



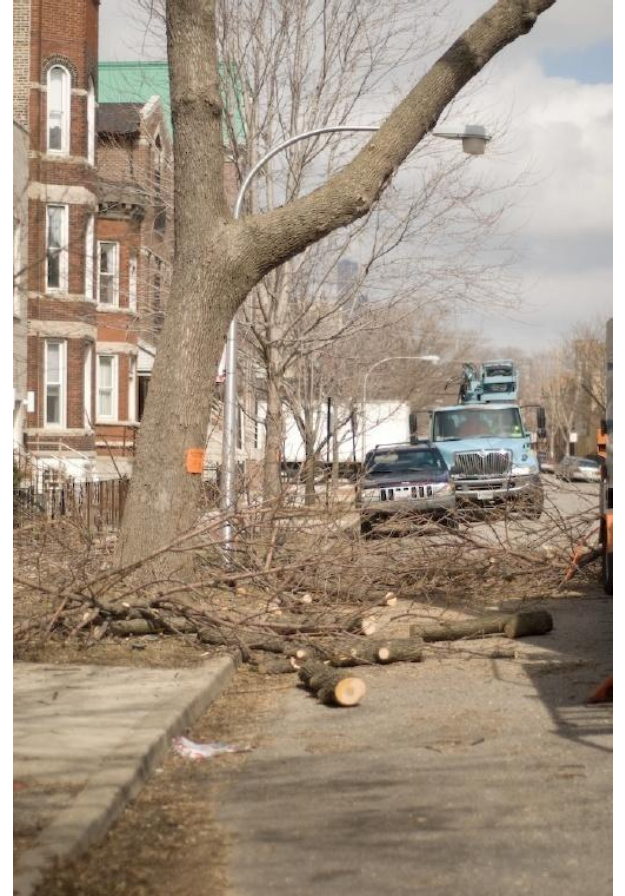
# Scope

25,000,000

Ash trees have been cut down since the discovery of EAB.

Our goal:

To research local market and develop contacts of interested parties.



# Project history

Two previous IPRO teams had explored the subject in terms of creation a business venture.

Our team collaborates with Ill EAB Wood Utilization Team & three suburban municipalities conduct feasibility studies.



Illinois Emerald Ash Borer  
Wood Utilization Team





# Municipalities



City of  
**Evanston**™



**Oak Park**



THE VILLAGE OF  
**Wilmette**

EST. 1872



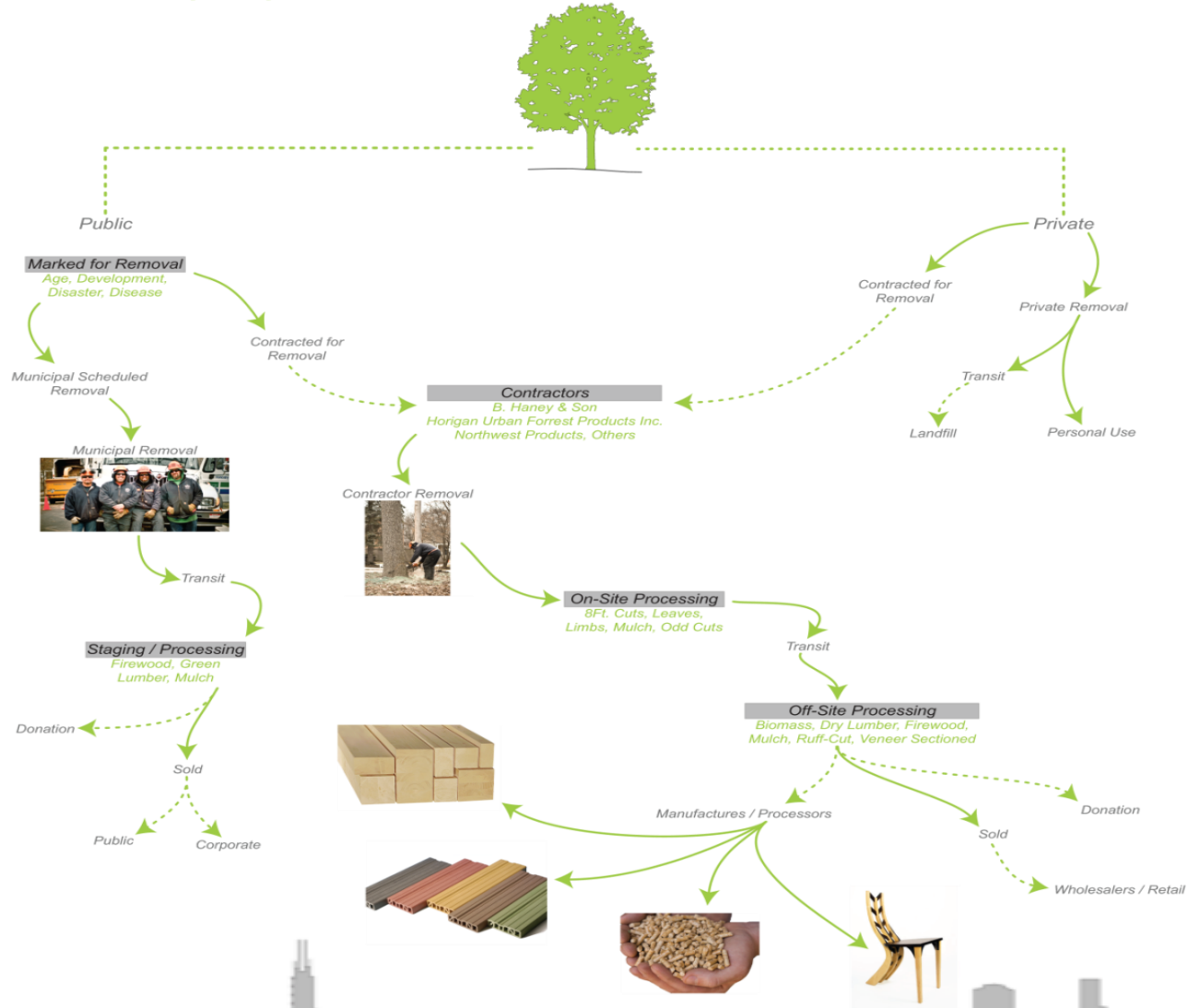
# Municipal data

	Evanston	Oak Park	Wilmette
Trees	22,000 (12,000 ash)	12,700 (2,524 ash)	18,600 (7,000 ash)
% Usable for Lumber	80%	10%	10%
Board Feet	1,689,600	378,460	154,380

Total Number of Trees: 53,300—\$11Million—146  
Homes



# Process



# Uses and Consumers

Habitat for  
Humanity – Illinois



US Forest Service  
Products Lab



Niles North  
High School



Illinois Department of  
Corrections



Horigan Urban Forest  
Products Inc.





# Challenges

## Convention

Industry is resistant to change old habits.

## Economics

Economy of scale for profit driven businesses.



# Conclusions

## Vast Project Scope

Solution to urban wood requires multi-faceted approach.

## Production Potential

Benefits of wood pulp production.

## Comprehensive Resource Use

Use all components of the tree.



# Proposed Solutions

## Central Hub Facility

“FedEx” for urban wood

## Urban Wood Exchange

“EBay” for urban wood.



# Next steps

Development of Interested Parties

Formation of Municipality/User  
Partnership(s)

Further Public/Private Awareness  
Campaign



# Questions?

