```
#include <iostream>
#include <vector>

using namespace std;


struct Tree {
    string species;
    double oxygenProduction; // Oxygen produced per tree
    int count; // Number of trees of this species
};


double calculateAverageOxygen(const vector<Tree>& trees) {
    double totalOxygen = 0;
    int totalTrees = 0;

    // Calculate total oxygen production and total number of trees
    for (const Tree& tree : trees) {
        totalOxygen += tree.oxygenProduction * tree.count;
        totalTrees += tree.count;
    }


    if (totalTrees > 0) {
        return totalOxygen / totalTrees;
    } else {
        return 0; // Return 0 if no trees
    }
}

int main() {
    // Sample data: aerial image of trees captured by drone
    vector<Tree> trees = {
        {"Oak", 260, 100},
        {"Pine", 150, 80},
    };


    double averageOxygen = calculateAverageOxygen(trees);


    cout << "Average oxygen produced per tree: " << averageOxygen << " units" << endl;
```

```
    return 0;
}
```