

Buildings.java (Interface)

int enviScore int points Image unsustainable Image sustainable

> setScore setPoints

Main.java

Has-A: Draw ResourceManagement

main()

ResourceBuildings.java (Interface)

int resource Given Timer timer

giveResources()

ResourceManagement.java

static int resource
static int points
static int environmentScore
Timer timer
static int houseCount
static int storeCount
static int factoryCount
static int solarCount

getResource()
setResource()
getPoints()
setPoints()
getEnviScore()
setEnviScore()
endGame()
setHouseCount() (x4, for each
building)

Timer.java

API methods

API methods

Draw.java

JPanel panel
JFrame score
JFrame points
JFrame resources
JButton buyBuilding (x4)

drawPanel()
repaint()
actionEvent()
paintComponent()

House.java

Building's fields

Building's methods

Store.java

Building's fields

Building's methods

Factory.java

Building's fields ResourceBuilding's fields

Building's methods ResourceBuilding's methods

Solar.java

Building's fields ResourceBuilding's fields

Building's methods ResourceBuilding's methods