

# Global warming

Getting more efficient

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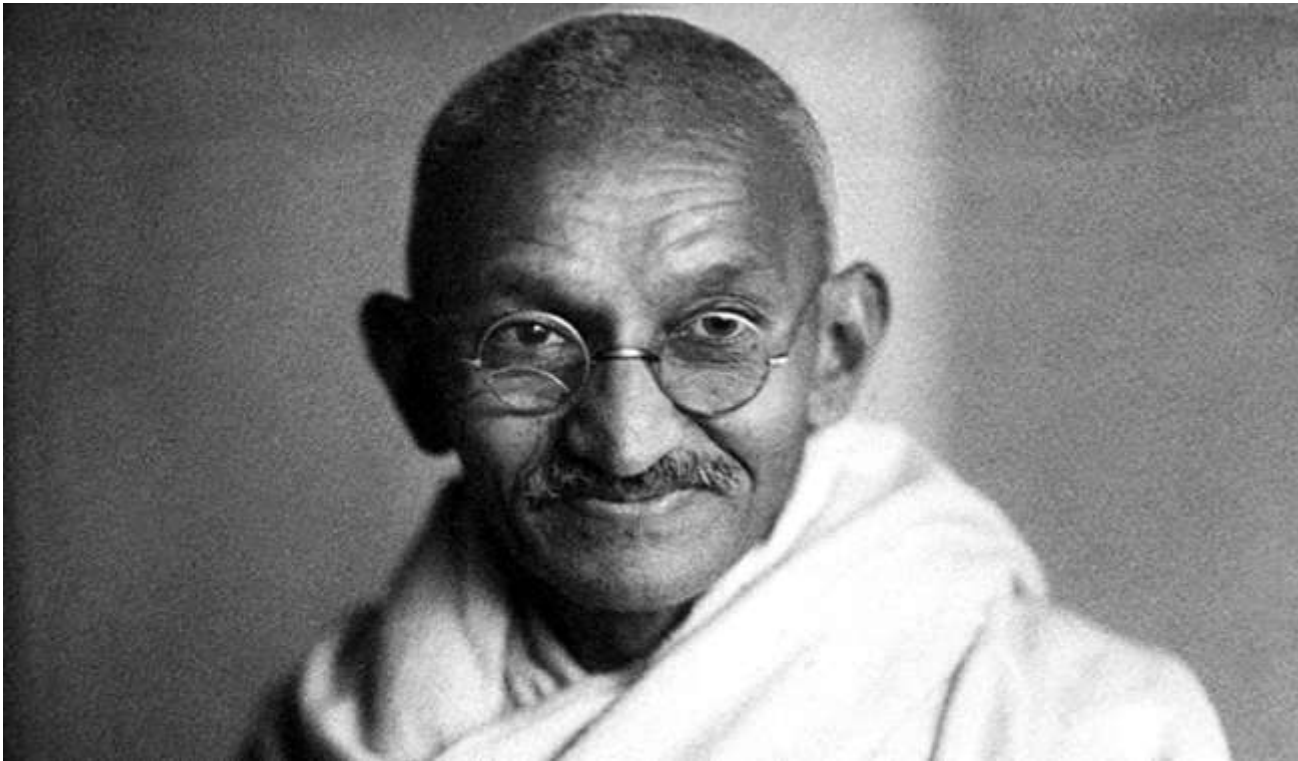
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# Goals of the project

- To develop a product that can reduce CO<sub>2</sub> emission and save energy



# Potential solutions

1. Solar panel bike
2. Power generating skateboard
3. Car that turns its engine off when going down hill

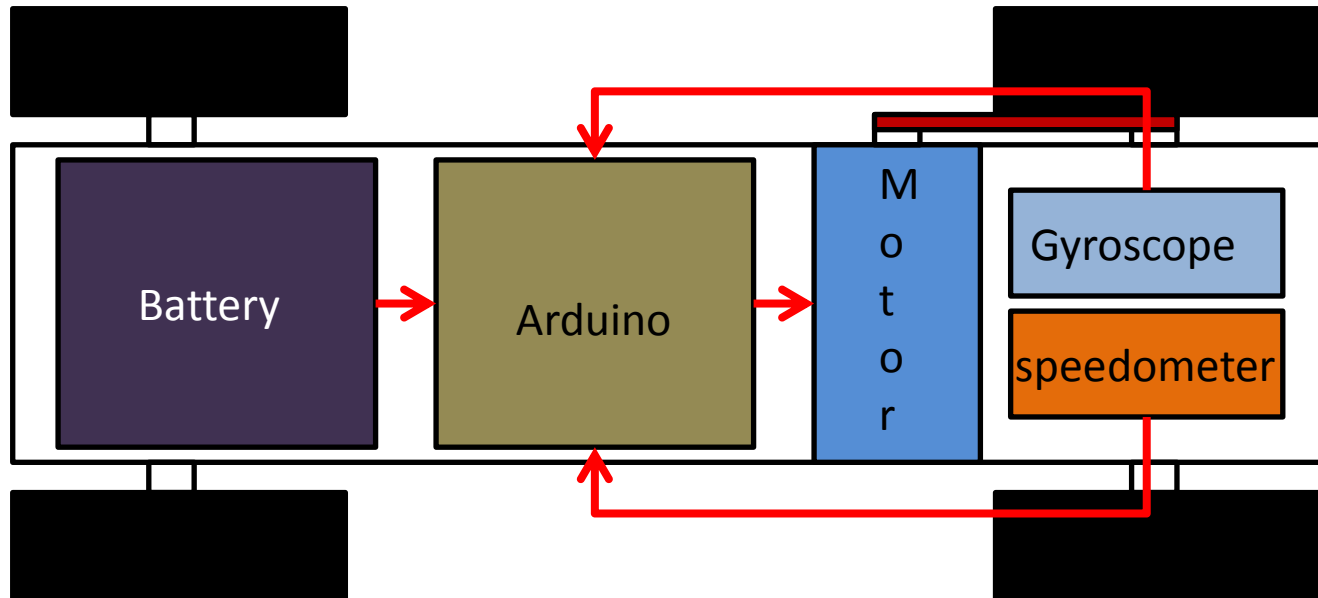
# Chosen solution

- Car that turns its engine off
  - Easier and more realistic
  - Reduces the CO<sub>2</sub> emission of a car
  - Saves fuel

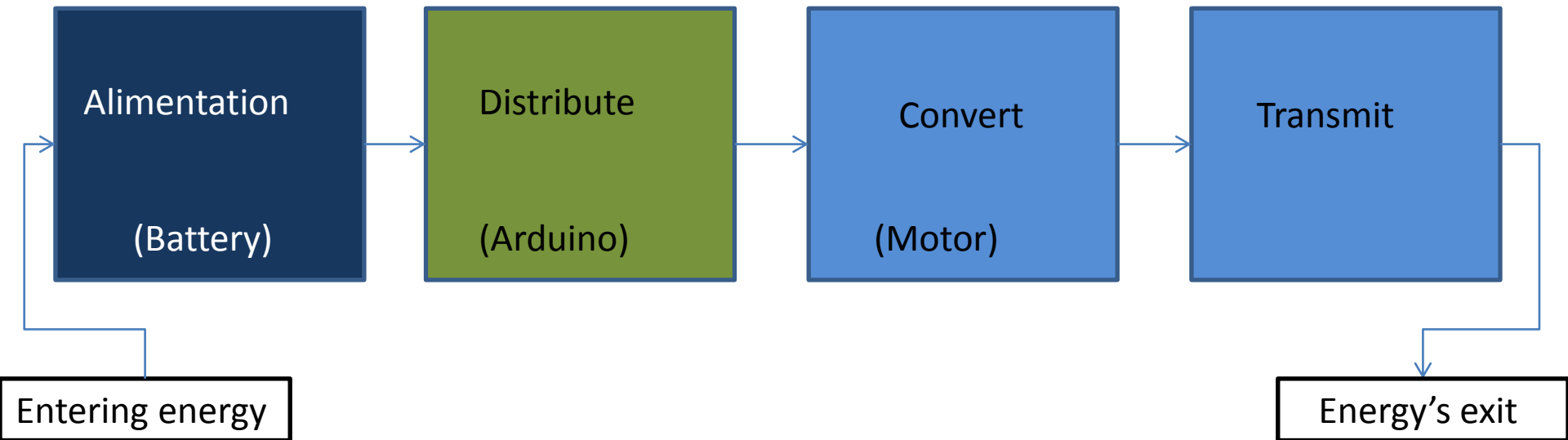
# Concept of the solution

When going down hill engines are not needed  
Turns on/off according to speed & angle of hill

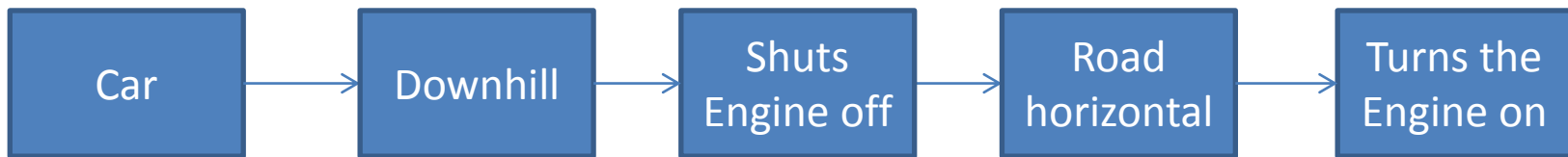
# Functional structure



# The Energy chain



# Information chain



# Estimated energy saved

Engine turn	OFF	ON
Emission of CO <sup>2</sup>	0 kg of CO <sup>2</sup>	0.0792 kg of CO <sup>2</sup>

On a down hill of 1000 meters , when the engine is off the CO<sup>2</sup> emissions are zero. When the engine is turned on the CO<sup>2</sup> emissions are 0.0792 kg.

# How do we build the car?

- 3D printer CNC
- Solidworks
- Radio controlled car





# Sensor and arduino

- Why is it important?
- Gyroscope
- Speedometer



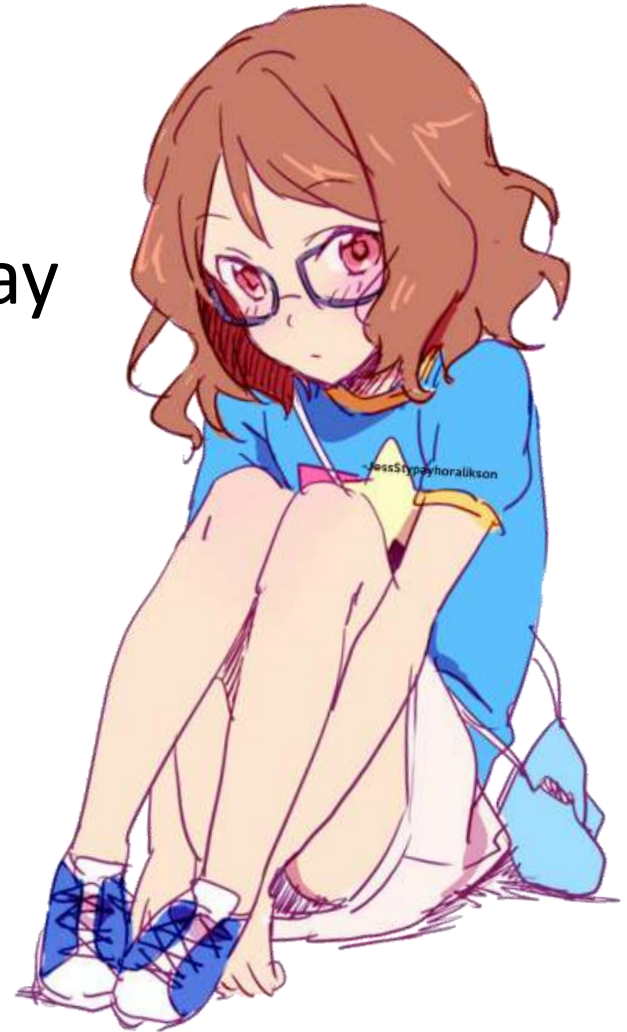
# Who builds what?

- The french builds the car
- The danes makes the code for the car.
- Why?



# Communication?

- Facebook
- Group chat
- Communicating every sunday



# List of task

- Under progress...

