

# "One House...One Engine"



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# Introduction

## Our Idea...



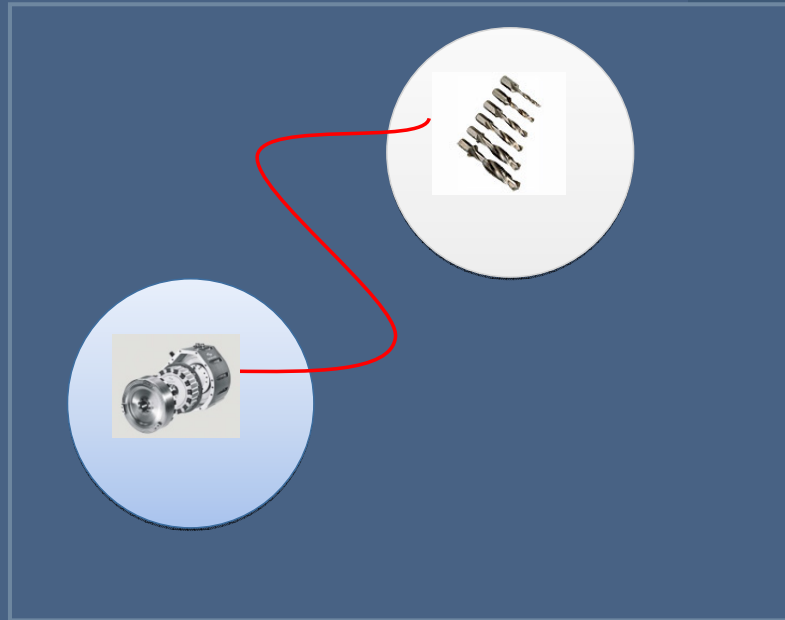
Use **one** engine for many different devices  
in your house



# Introduction

## Our Idea...

- ◆ The motor and the active part are linked through a flexible transmission



# Introduction

## Customer's needs

	Separation of the parts	Eco-material	Adaptive motor
Light	●		
User Friendly	●		●
Cheap			●
Small impact on environment	●	●	●
Innovative design	●	●	



# Introduction

## Mission Statement

1. Design a user-friendly and manufacturable case for the engine



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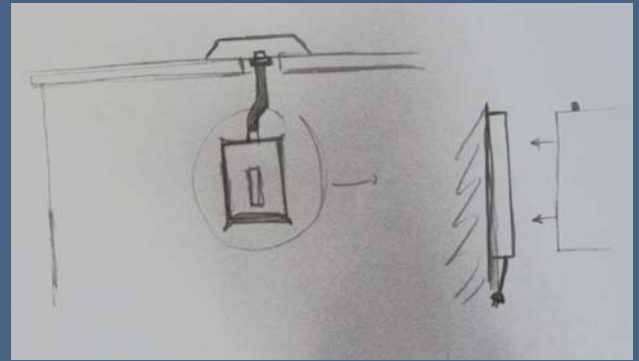
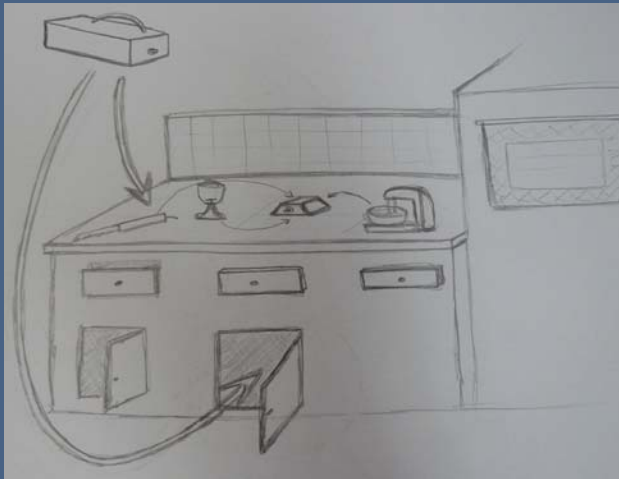
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# The Project

## The Concept



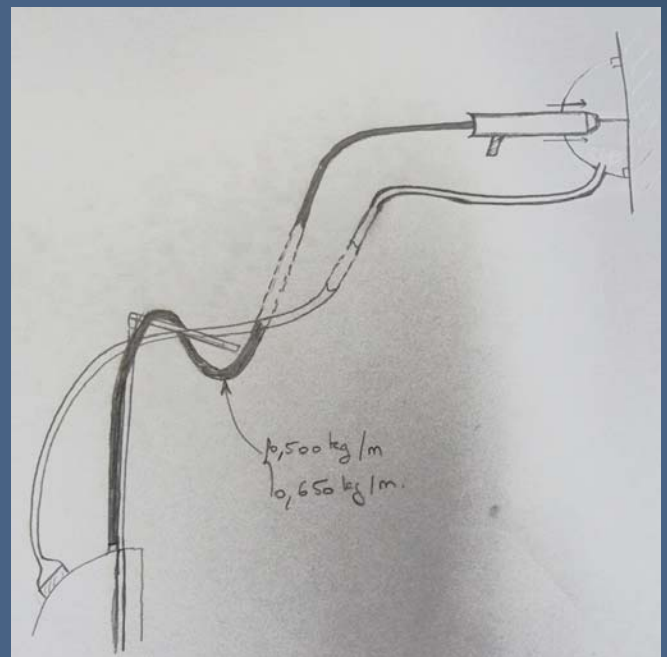
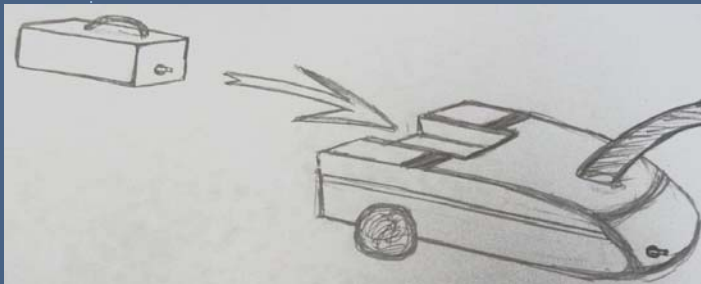
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« One House...One Engine »



# The Project

## The Concept



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# The Project

## Pro & Cons

### Pro

- ◆ Gain of engines
- ◆ Gain electronics parts
- ◆ Light parts
- ◆ Higher design possibilities
- ◆ No more wires

### Cons

- ◆ No kitchen if cleaning
- ◆ Could be seen as a gadget
- ◆ Have to change everything in the house
- ◆ Differences in torque and rotation speed



# The Project

## The Planning

	April				May				June	
	1	2	3	4	1	2	3	4	1	2
Design of the case	Red		Red							
Design of the tools			Yellow				Yellow			
Possible prototype							Green			





Thank you for your  
attention!!