LEITMOTIV

:: box of chocolates balcony

objectives
:: to design an original and versatile balcony
:: to satisfy a market's need: roof insufficiency in high buildings (like skyscrapers)
:: quick manufacture
:: reduce production and transport costs
:: fast construction
:: to design a sustainable balcony as possible

*logistics sketch

each cove=506.25 kg = 0.5 T
27 "cassetons" x 0.5 T = 13.5 T

--> each truck can transport 27 coves minimum, and there's 11.5 T left

briefing by roles

**design**
:: custom-made balcony (accessories...)
:: roof insufficiency in high buildings:
   --> to add green spaces
   --> to add solar panels: solar power accumulation
:: adjustable solar panels

**manufacture**
:: lightened cement floor
:: modulated and repeatable system
:: easy manufacture by mould repetition
:: easy execution
:: 3R elements: they can be reduced, reused and recycled
:: easy transport*: coves can be piled up
:: almost every mechanism is manufactured in the factory

**maintenance**
:: water resource use: plant watering by capillarity
:: concrete cement floor: passable balcony
:: horizontal frame (eaves with slats): sunscreen
:: easy repair
:: easy maintenance
:: cove with overflow