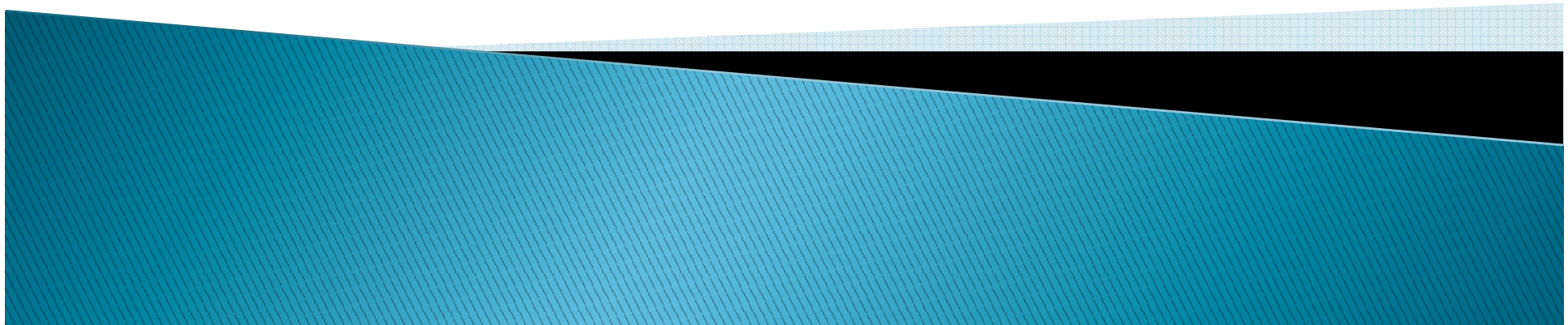


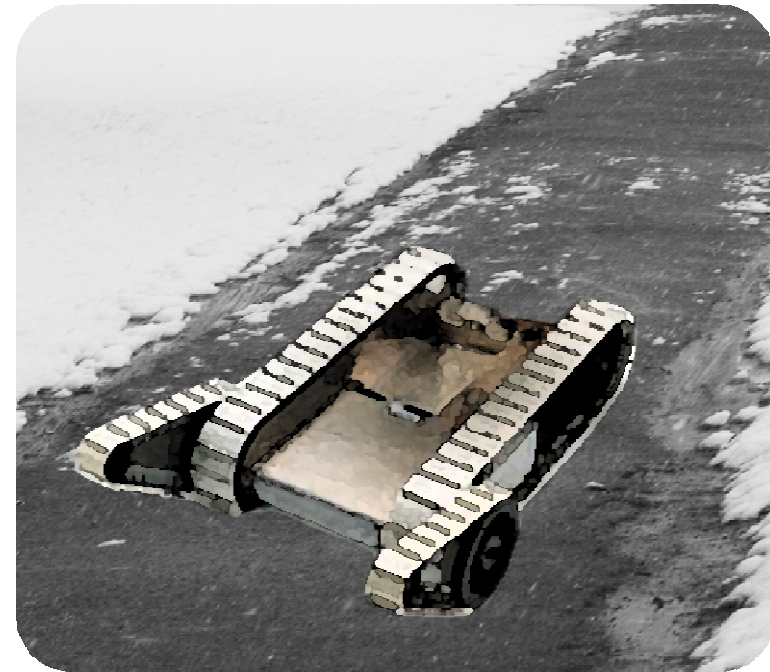
SnowBot

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SnowBot

- ▶ The purpose of this mobile robot is to clean the snow from entrances to homes, garages, or any other type of walking path.
- ▶ As robotic lawn mowers and robotic vacuum cleaners, the SnowBot will free homeowners of the tedious job of moving the snow from their entrances.
- ▶ The robot would require the user to locate the boundary of the area to be cleaned by means of a wire.
- ▶ The system has a recharging dock where the robot goes automatically when its batteries are running low.



SnowBot

- ▶ Infrared sensors will be use for obstacle detection.
- ▶ Two approaches will be tested:
 - Melting the snow and sucking the water through tubes into water containers or rain sewers.
 - Collecting and packing the snow in small cubes.
- ▶ The price of a system like this would eventually be around 800 euros.