# WORKSHOP ON
## *The use of Robotics in Science Education*
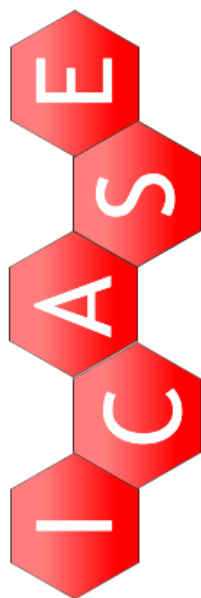
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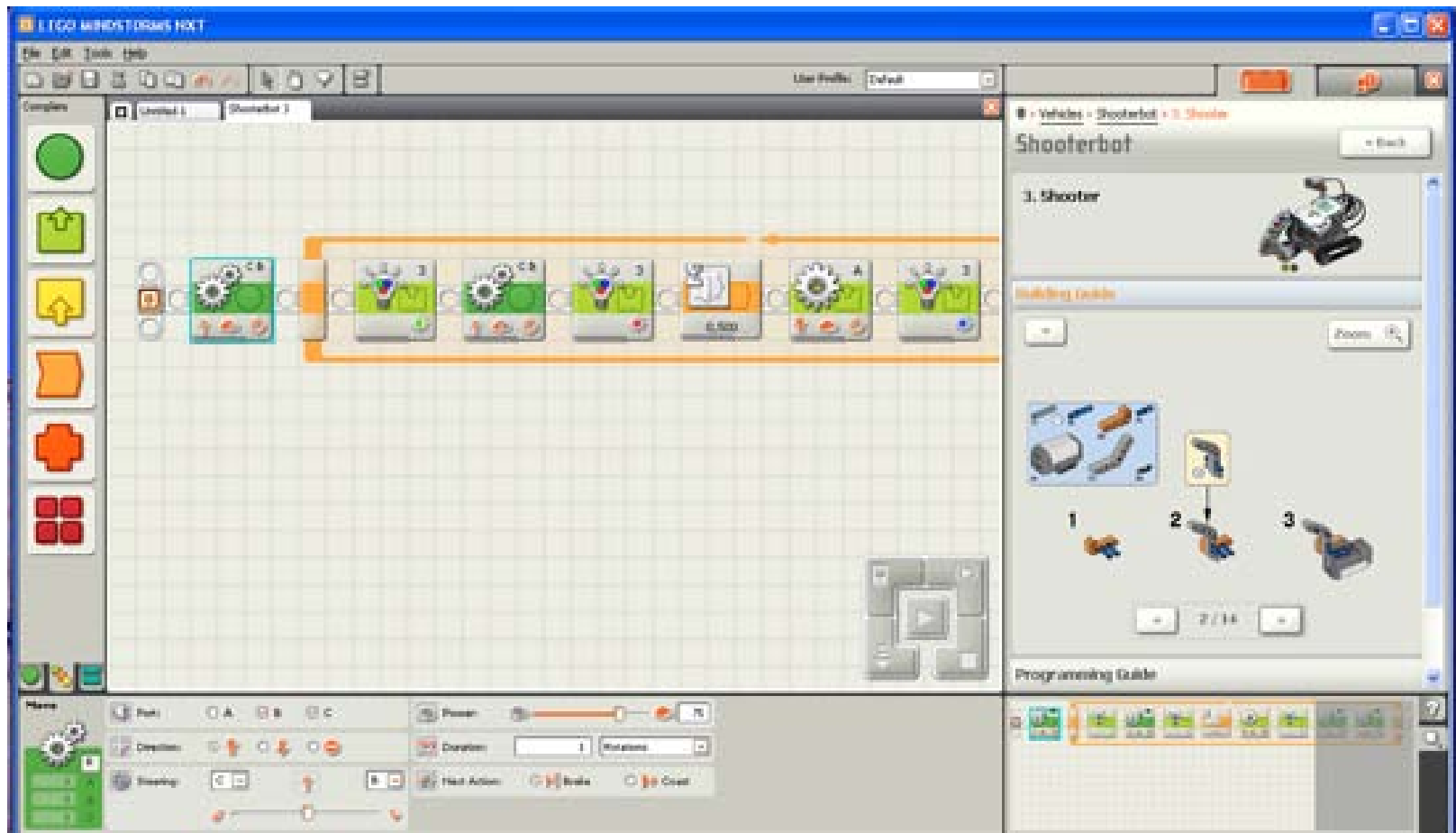
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ICASE – Publication Committee Member

# Questions

-*Would you like to build a Robot?*

-*Would you like to programme your own robot?*

-*Would you like to use your robot to solve a socio-scientific problem?*

# The workshop : 1-Building

# The workshop: 2-Programming

# Socio – scientific problem: Traffic accidents



Road accidents…
Reasons
The most important reason is the drivers
They do not follow the rules

According to the Security Department of Turkey:
4236 people died in 2008;
4324 people in 2009 and
4045 people in 2010.

# Socio – scientific problem: Traffic accidents

Would you be interested in exploring ideas about ways traffic accidents can be reduced (and maybe eliminated)?

Let us build robot cars and explore how science and technology might be able to play a role using light sensors.

# Welcome to Robotics Workshop!



**Robots are waiting for you to build and program them to solve your problems!**