**Chapter 8 – Our world in 2050**

***A case study using 2050: a new world the boardgame***

**Chapter overview**:

We will be playing a decision-based boardgame called *2050: a new world*. This game allows the players to make the decisions for their region to make their city/region more sustainable. The boardgame is a downloadable print-and-play available from our website (also has a web-based version of the game as well as physical boardgame we can use if needed, but print-and-play is preferred). This game should be an excellent culmination of all the chapter discussed in this module and will be a great way for the students to see how much they have learned.

Website for the game and where downloads can be found:

<https://2050anewworldgame.wixsite.com/home>

**Topics:**

geography, policy making, design and technology, technological/innovative solutions

**Essential Questions:**

* How will you adapt your region to be resilient to climate change?
* What will you need to sacrifice in order to adapt?
* How do we balance our current needs with the needs of the future?
* What does a sustainable city in 2050 look like?

**Enduring Understandings:**

* Solutions will be local and heavily depend on the nearby resources
* There is not one single solution for combating climate change – and it will take time
* The decisions we make today will influence the future
* All the resources around us are closely connected

**Vocabulary:**

Policy making, energy, nature, environmental footprint,

**Outline: Chapter 1 Lesson 1 outline (total run time = 45 min)**

**00 min – 20 min (learning the game mechanics)**

**Introduction**

Motivating the game (*use the slide deck*)

**20 min – 40 min (trial run of the game)**:

Learning about the cities and their regions. Also, going through each of the print outs. Slide deck will help to describe each of the components of the game.

**Chapter 1 Lesson 2 outline (total run time = 45 min)**

**Whole time: whole game run!**

Allow 5 minutes at the end of the lesson for the students to reflect a bit on what policy decisions they made and how well their city did!

**Teacher survey:** [FORM HERE](https://forms.office.com/r/weLJL91zi9)