

Read the texts about environmentally-friendly cities. Choose the correct text (A-E) for each statement (1-7). You can use a text more than once. Write your answers in the boxes provided on the answer sheet. The first one (0) has been done for you.

## Top green cities

### A

#### **Freiburg, Germany**

In 1986, Freiburg was one of the first cities in Germany to adopt local energy production. By creating a situation in which citizens are committed stakeholders – as is the case with most of the cities on this list – the green movement is a natural part of daily life. Some districts are created and supported by multiple-family flats, designed and built by the families that live there along environmental principles. The latest development is the "passive house", which uses ingenious ducting and insulation to remove the need for heating and air conditioning of any kind. Costing 10 percent more to build at the outset, the passive house construction reduces energy loss and bills by 90 percent.

### B

#### **Barcelona, Spain**

The planning for Barcelona's shining achievement in ecology and urban design, the Eixample District, goes back as far as 1859. The human-centred design of this garden-city oasis, which spans 520 city blocks, continues to grow and change, and to inspire urban planners the world over. More recently, the city was given an opportunity for an all-over makeover with the 1992 Olympic Games. By building reform into their construction plans, including the strategic placement of Olympic grounds in formerly neglected areas, the early '90s coastal project came into play simultaneously with revitalisation efforts in the inner city.

### C

#### **Portland, Oregon, U.S.**

Portland was the first city in the United States to enact a plan to reduce its greenhouse gas emissions and was a founding member of the Cities for Climate Protection Campaign. It has also held rank at the top of green city lists in the United States and in the world for several years. The city has 50 buildings that meet or exceed U.S. Green Building Council standards for sustainability, and its mix of commercial and residential areas is pedestrian and bike friendly – roughly one-quarter of commuters bike to work.

### D

#### **Vancouver, Canada**

Vancouver has an ambitious 100-year plan for clean and green living. The city already leads the world in hydroelectric energy, which currently makes up 90 percent of its power supply. It also plans to reduce its greenhouse gas emissions to levels 20 percent lower than reported in 1990 during the formation of the Kyoto Protocol. Fossil fuels will be reduced with city investments in wind, solar, wave and tidal energy systems. Additionally, as part of its energy-efficient plans, Vancouver hasn't been shy with implementing emerging technologies. Solar-powered trash compactors have sprung up around the city, each the size equivalent to a normal trashcan but able to hold five times the waste (which puts fewer emissions-spewing garbage trucks on the roads).

## E

### Reykjavik, Iceland

Reykjavik is the smallest amazing green city on our list, with only about 115,000 people living in the city and roughly 300,000 people in the entire country of Iceland. But its impact on the world has been impressive. Iceland plans to unplug itself from all dependence on fossil fuels by 2050 to become a hydrogen economy. Already, Reykjavik (and all of Iceland) gets energy for heat, hot water and electricity entirely from hydropower and geothermal resources – both of which are renewable and free of greenhouse gas emissions. Some vehicles even run on hydrogen, including three city buses.

#### In this city, ...

getting around without motorised transport is made easy.	0
water provides the majority of the energy.	1
one type of transport uses a clean source of energy to some extent.	2
due to an innovative invention, a smaller number of vehicles are needed to run a public service.	3
one neighbourhood led the way in green city planning.	4
pollution-cutting measures were designed before any other city in the country.	5
the residents have a say in the way their housing is developed.	6
thoughtful city planning benefitted some disadvantaged neighbourhoods.	7

## Top green cities

0 <input type="text" value="C"/>	1 <input type="text"/>	2 <input type="text"/>	3 <input type="text"/>
4 <input type="text"/>	5 <input type="text"/>	6 <input type="text"/>	7 <input type="text"/>

*Von der Lehrperson auszufüllen*

richtig	falsch	richtig	falsch	richtig	falsch	richtig	falsch
		1 <input type="text"/>	<input type="text"/>	2 <input type="text"/>	<input type="text"/>	3 <input type="text"/>	<input type="text"/>
		5 <input type="text"/>	<input type="text"/>	6 <input type="text"/>	<input type="text"/>	7 <input type="text"/>	<input type="text"/>