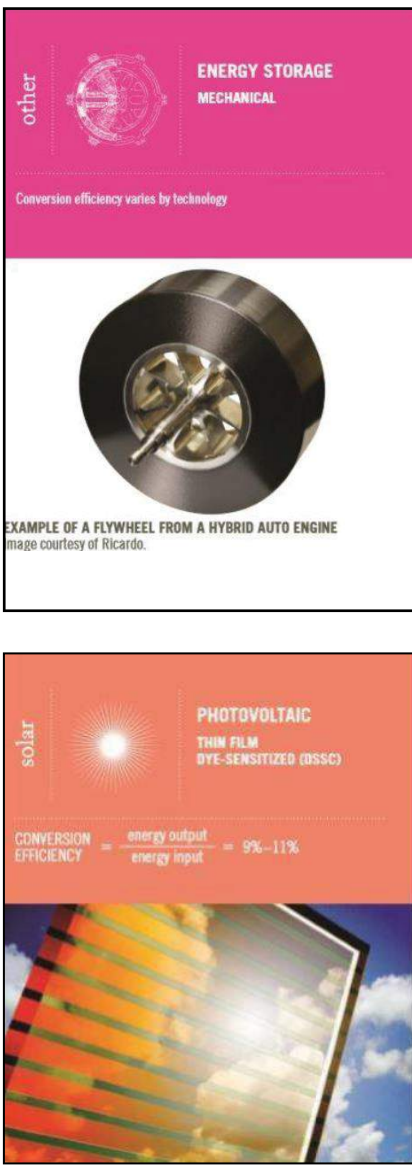
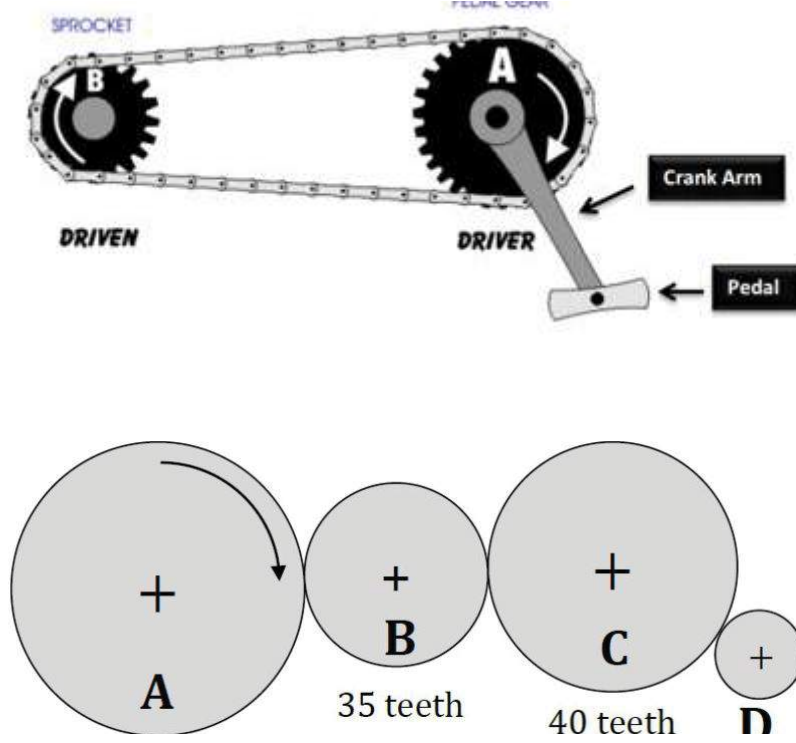
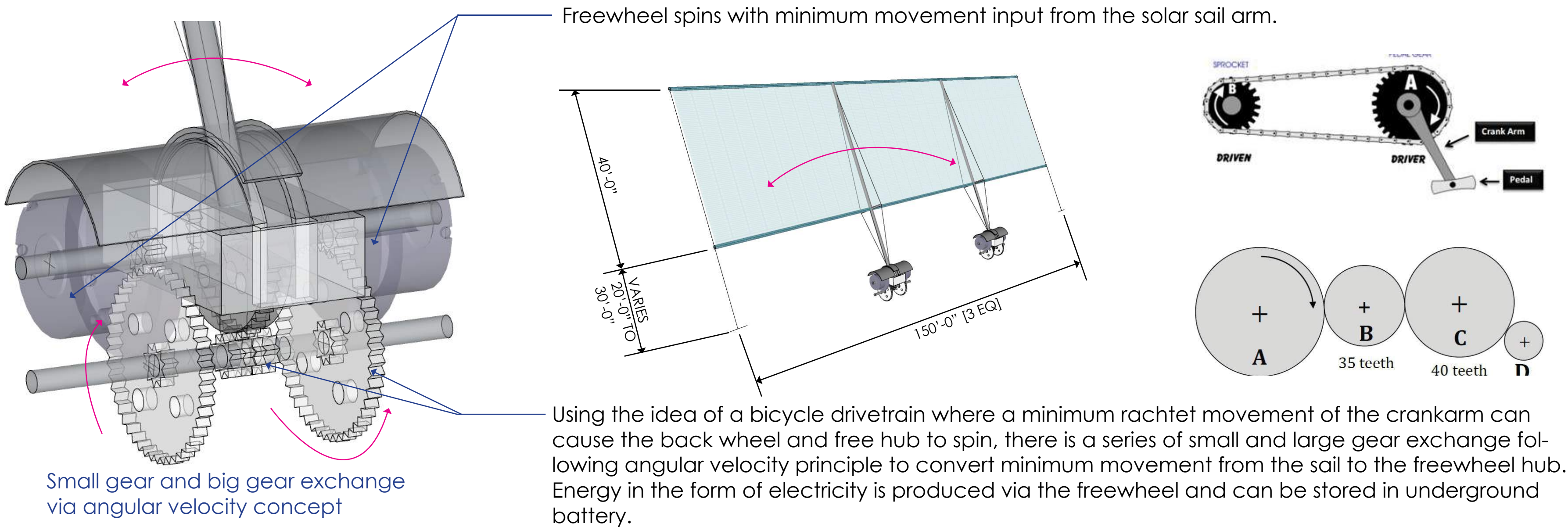
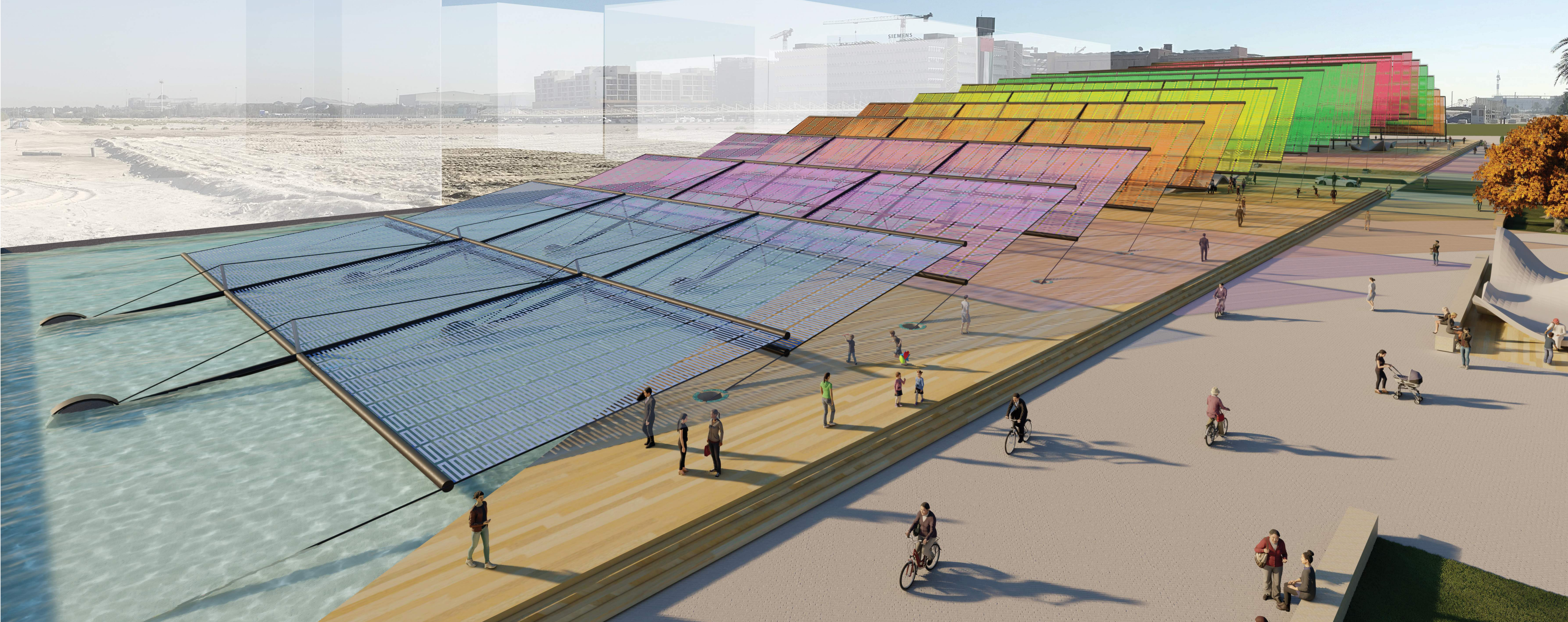


The vision of the competition referred to the importance of back to the source. This has two interpretations in the project. Green energy is passive and often invisible. We utilize various strategies to **re:veal** them. Theoratically, back to the source is about the basic elements that make up the energy and how we can bring attention back to them. **Solar is about the seven colors spectrum that brings delight to the eyes.** Colors are assigned based on their corresponding wave length efficiency and the rotation angle of the solar panels. Wind is about the movement of objects that brings attention

to their existence. **As objects move with the wind, the movement re:veal wind source's existence.** By discovering and **re:vealing** the invisible and latent energy around us, we can bring awareness to their existence and transform these sources into re:source.

In practicality, the energy captured from the sun and wind becomes a source of energy recharge for the public visiting the site[see bottom, previous page spread]. Touchless charging are embedded on the road that intersect the site. Charging is

available for anyone parking their electric vehicle or E-bicycle along the sidewalk. This can also become a stop for the autonomous vehicles in the city of Masdar. As one exits their mode of transportation, circular shape wireless phone charging hubs are embedded through out the plaza and available for charging anyone's personal hand held devices. On site generated energy is immediately harvested back as the source of power available to the public.



COLOR	WAVE LENGTH (NM)	CURRENT (A)	VOLTAGE (V)	POWER (P)	EFFICIENCY
VIOLET	390 - 455	1.35	17	22.9	6.17%
BLUE	455 - 495	1.2	17	20.4	5.49%
GREEN	495 - 575	1.5	17	25.5	6.86%
YELLOW	575 - 595	1.4	18	25.2	6.78%
ORANGE	595 - 625	1.3	18	23.4	6.30%
RED	625 - 780	1.6	18	28.8	7.75%

Color efficiency study on Dye-Sensitized panels. Energy Department, Maulana Azad National Institute of Technology, Bhopal – India 2013