



50 million Scouts making the world's largest youth contribution to the Sustainable Development Goals

national challenge 2022

Rovers

SCOUTS GO SOLAR

"The smartest energy choice under the sun"

QuotesGram



All over the world, there is an urgent need to address the Sustainable Development Goals, to mitigate Climate Change, and in particular to reduce CO2 emissions. In order to achieve a better and more sustainable future for all, we all have a role to play. As Scouts, it is our duty to get involved and to make a difference. This year as our SDG National Challenge SCOUTS South Africa is "Going Solar". As a Leader, you can set a good example and create more awareness about solar energy, by motivating your Scouts to complete the national challenge.

The Challenge:

Section 1: Sun is life

Requirement:

Conduct a household audit of electricity usage and propose ways in which to reduce it through solar power. Present your findings to your CC or RS.

Section 2: Impacts of the sun on health and the environment

Requirement:

To show the risks the sun can cause on health and the environment, develop a training aid to be used at a Pack or Troop meeting, on **TWO** of the following:

- The greenhouse effect
- UV rays
- Ozone
- Heat and hydration

Present these during a Pack or Troop meeting.

Section 3: Use of solar energy

Requirement:

To show different techniques of harnessing the sun's energy, develop a training aid to be used at a Pack or Troop meeting, on **THREE** of the following:

- Photo-thermal use of solar energy (heating houses and water)
- Power production
- Cooking and conserving food
- Photovoltaic use of energy (solar cell (solar panels))
- Direct use and storage
- Misconceptions about solar energy

Present these during a Pack or Troop meeting.

Section 4: Go solar

Requirement:

Do **TWO** of the following:

1. Organise a solar introduction workshop at Pack or Troop level.
2. Install a warm water collector in your home or community centre.
3. Develop a social awareness campaign on social media to raise the awareness of solar in your community.

Reminders:

- **National Rover Challenge deadline: 30 November 2022.**
All entries are to be submitted to your Regional Team Coordinator by 11 December 2022.
- On completion of the national challenge, the Rovers who took part will be awarded a special national challenge badge.
- **You can also get your Messengers of Peace badge**
Please [upload your community service projects](#) (20 hours or more) to the Messengers of Peace / Scouts for SDGs website. Go to <https://sdgs.scout.org/>; create an account or log in; click on "take action" and add your content as a community service project.

Once completed, email the link to info@scouts.org.za with the subject line Messengers of Peace. You will receive an acknowledgment and can then purchase your MOP badge from the National Scout Shop (shop@scouts.org.za).