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## CRISPR/Cas comprehensively explained / part 2

The Project Genetic Engineering and the Environment provides explanatory videos with information on CRISPR/Cas potential and risks

21 May 2021 / The *Project Genetic Engineering and the Environment* (FGU) is today releasing the second in a series of videos on CRISPR/Cas gene scissors. The basics of the technology, its possibilities and risks will be presented in four videos. Especially applications of CRISPR/Cas in plants are explained. These videos aim to promote informed dialogue in civil society on the advantages and disadvantages of the new genetic engineering processes.

The second video released today, provides an overview of the technical potentials of the gene scissors. In the following videos, possible effects on the environment and CRISPR/Cas susceptibility to errors will be explained. The FGU will also be publishing background papers with corresponding scientific references.

The FGU has been conducting continuous 'Horizon Scanning' in the field of new biotechnologies since March 2020 and evaluates the scientific literature. The aim is to identify and analyse new technical developments, their applications in the field of biotechnology, and possible environmental impacts in the context of the precautionary principle. The FGU results have already been published several times in scientific peer-review journals. The project is funded by the Federal Agency for Nature Conservation, the project coordinator is Testbiotech.

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**Further information:** [The FGU explainer videos](#) [2]

[The FGU background papers](#) [3]

[The FGU Horizon Scanning process](#) [4]

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### Links

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