

Cards for Biosafety Printing Manual

Thank you for downloading/obtaining the print version of the serious card game Cards for Biosafety! We are happy you want to play this game.

This manual will give a brief overview of all elements in this package and how to print them. It would probably help if you first (quickly) read the game rules, so you understand how the game works and you know what elements need to be printed. Most of the game elements are cards, but there is also a box design, the game rules and a scenario booklet. If you want to start playing asap, you only need to print the cards. We also added our original files which we used for press, so if you are not going to print yourself, you can use those. Press quality is almost always better than print, but it is up to you how and what to print.

If you need more help, with printing or with the game itself, don't hesitate to contact the original developers of the game, the Gamelab of Delft University of Technology: gamelab-tbm@tudelft.nl

Distribution of a printed set is done at the Rathenau Instituut (<https://www.rathenau.nl/nl/biotechnologie-en-veiligheid>).

Credits:

This game was developed by Dr. Maria Freese, ir. Simon Tiemersma and Prof.Dr.ir. Alexander Verbraeck of the TU Delft Gamelab for the NWO funded project T-TRIPP. © TU Delft, the Rathenau Instituut, LIS Consult and NWO. (CC-BY)



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Components to print

- a. 15 Scenario cards (white)
- b. 100 Risk cards (orange)
- c. 200 Measure cards (green)
- e. 64 voting cards (white backs)
- f. 8 player cards (grey backs)
- g. Scenario booklet
- h. Game rules booklet
- i. Box design

Components not included

40 point tokens

The tokens are used to keep track of wins for players. You can use any token you have laying around for this: (fake) coins, pebbles, marbles. You can also track points on a piece of paper of course, but we noticed that players like to see how well they are doing and hold their prize near them.








Printing

To print all necessary elements for the game you need an A4 printer (for the cards), an A3 printer is needed to also print the box art. Because you are going to print playing cards that are going to be held, divided, and shuffled, it is advised to use thick paper. You can also laminate the paper so it is easier to use and the cards will be better preserved.

NOTE: except for the scenario cards, all cards have a colored background. This will take more ink and printing time than for normal prints.

Cards version for print

We added 7 pdfs with cards for print:

-  1. CardsforBiosafety_measurecards_versionforprint.pdf
-  2. CardsforBiosafety_riskcards_versionforprint.pdf
-  3. CardsforBiosafety_scenariocards_versionforprint.pdf
-  4. CardsforBiosafety_votecardsandplayercards_versionforprint.pdf
-  5. CardsforBiosafetyx_EMPTY_measurecards_versionforprint.pdf
-  6. CardsforBiosafetyx_EMPTY_riskcards_versionforprint.pdf
-  7. CardsforBiosafetyx_EMPTY_scenariocards_versionforprint.pdf



#1, #2, #3 and #4 are all the card sets to be used in the game, the most essential part of the game. They are combined with six cards per A4 page, with cutting lines included. They are double sided; the back of the cards is on each even page. As said before, there are a lot of cards, especially the risk and measure cards. If the amount is a problem for you, you could print a few random pages (at least 10, frontside) to try out the game for a round or two. The last file, the vote cards and player cards, are a bit less essential, as you could solve voting with pointing fingers and the player cards are just to see the numbers to vote on with the voting cards. We found that voting with cards is the best though, so it is still advised.








#5, #6 and #7 are empty, textless versions of the cards, so you can make scenarios, risks and measures yourself. They are not needed to play the game, just for yourself to expand the set of cards with topics that you think could be added.

Cards version for press

For the cards we added a separate folder of card designs for press as well. These are the same categories as in the cards version for print files. These files are single-page however, and have cutting lines included. You could use these for printing as well, if you prefer separate pages or a different size for the cards.

Manuals

There are two different manuals added to the game: the game rules manual and the scenario manual. The first one explains the game rules and the second is extra reading material and explanations of the scenario cards provided in the game. We added several different versions of the manuals, for you to choose the best one.

-  1. CardsforBiosafety_rules_A4_EN.pdf
-  2. CardsforBiosafety_rules_A4_NL.pdf
-  3. CardsforBiosafety_rulebooklet_doublesided_90x120 EN+NL.pdf
-  4. CardsforBiosafety_scenariobooklet_doublesided_90x120 EN.pdf
-  5. CardsforBiosafety_rulebooklet_90x120 EN.pdf
-  6. CardsforBiosafety_rulebooklet_90x120 NL.pdf
-  7. CardsforBiosafety_scenariobooklet_90x120 EN.pdf

The first is the simplest A4 combined rules: these are A4 pages that you can print easily. We have an English (#1) and Dutch (#2) version of the rules included.

Second, we added the original double sided booklet version of the rules manual (#3) and the scenario manual (#4). #3 has both language versions in 1 booklet and #4 is only in English. These versions could be used for printing or press, have some cutting lines and are designed for printing on 180mm by 120mm size paper (width of two pages, could also be printed on A4 of course).

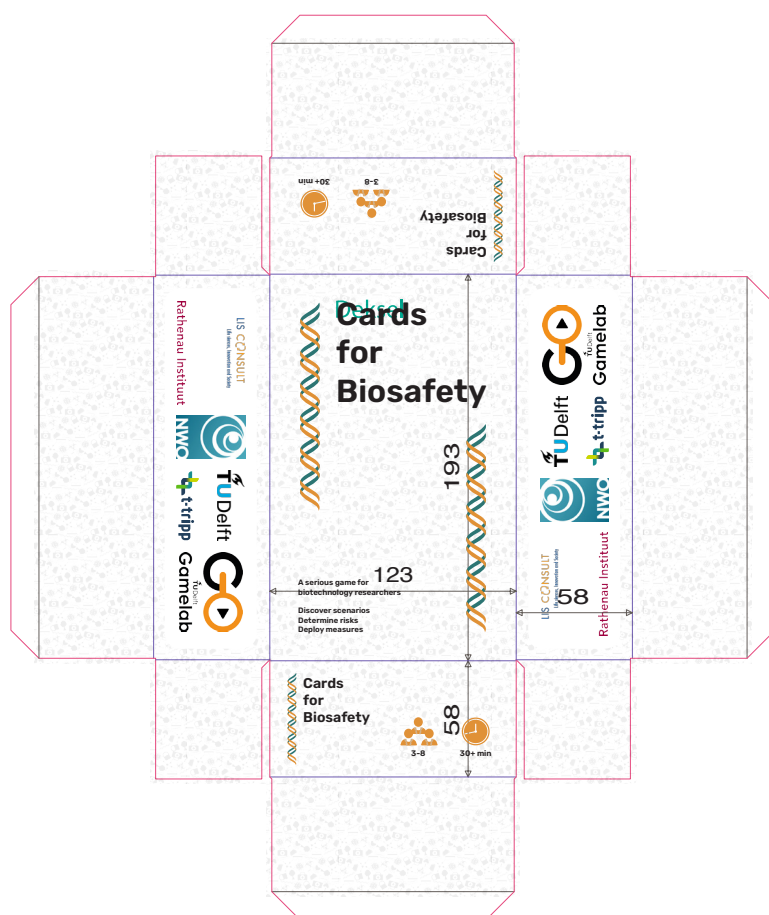


Third, we added separate page booklets of both manuals as well (#5, #6 and #7), with two language versions of the rules manual. They don't have cutting lines and are designed for printing on 90mm by 120 mm size paper.

Box design

We added the design of the box as well, this might take some more time to get right. We used these files for a professional press company, who premade the boxes for us. You could do this as well, or print and glue the design on a box. Or you could print this design directly on thick paper. You can then use the same folding design for the bottom of the box (the design is only the top lid).

First of all, you need a box with the size: 123 mm width, 193 mm length and 58 mm height. Then, make sure to print on A3 format with the size of the print not relative to the paper, but real size. Use CardsforBiosafety_BoxDesign_forprint.pdf for this. Then, use the cutting (red) and folding (black) lines of CardsforBiosafety_BoxDesign_withcuttinglines_NOTFORPRINT.pdf (see below), to cut out and fold the design over the box lid.



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