

ECHO Project Grant

Guidelines to the grant application 2011-2012

General

- Please refer to the Call for Proposals TOP-subsidies, ECHO-project- and ECHO-STIP-subsidies 2011-2012 for the Terms and Conditions of this granting scheme. The Call for Proposals can be downloaded from www.nwo.nl/cw/echo.
- The appropriate application forms should be used. They can be downloaded from www.nwo.nl/cw/echo. Proposals have to be submitted through the Iris system: www.iris.nwo.nl (see below for submission details).
- The proposal should be written in English.
- The lay-out of the proposal should facilitate reading. A minimum font size of **10 pts** is advised.

Registration form (basic details)

1. Basic details

a. Applicant(s)

Please provide for all applicants: name, initials, first name, title(s), date of birth, date of PhD, male/female, position and the date indicating the end of contract, and affiliation (i.e. university, department and section, postal address, telephone, fax, e-mail).

The principal investigator is the contact person for correspondence.

b. ECHO-STIP application

Complete this part only when the PI applies for an ECHO-STIP-grant. Choose from the table below the chemical center of excellence (chemisch zwaartepunt) in which the PI recently has been appointed. For example: C1 Procestechnologie, C2 Computational chemie or C3 Structuurbiologie.

	Focusgebied 1 (C1) <i>duurzame chemie en chemische (bio)technologie</i>	Focusgebied 2 (C2) <i>materiaal wetenschappen, fysische chemie en nanotechnologie</i>	Focusgebied 3 (C3) <i>levens- en biomedische wetenschappen</i>	Focusgebied 4 (C4) <i>complexe moleculaire systemen</i>
TU/e	Procestechnologie			Complexe moleculaire systemen
UT	Duurzame procestechnologie en biomassa conversie			Bio-nano, soft matter en supramoleculaire chemie
TUD (D) + LEI (L)	(Bio)procestechnologie (D) (Bio)katalyse (D)	Theorie en spectroscopie (L)	Chemische biologie (L)	
UU	Katalyse		Structuurbiologie	Colloïden
RUG	Katalyse en groene chemie		Chemische biologie	
UvA (U) + VU (V)	Synthese en katalyse (U)	Computational chemie (U + V) Analytische chemie (U + V)	Farmacochemie (V)	
RU			Chemische biologie	
WUR				Colloïdchemie, surfactanten en bionanotechnologie

ECHO Project Grant

Guidelines to the grant application 2011-2012

2. Title of the proposal

3. Classification of the proposal

a. Focus area and study team(s)

Choose the CW focus area in which the proposal should be reviewed:

- chemistry in relation with biological/medical sciences
- chemistry in relation with physics/materials
- chemistry in relation with technology/sustainability

More information on the focus areas and a description of each area can be found on the CW website (www.nwo.nl/cw).

Indicate the CW study team(s) in which the topic of your research fits best. Choose from:

- | | |
|--|---|
| - Analytical Chemistry | - Macromolecules |
| - Biomolecular Chemistry | - Nucleic Acids Research |
| - Catalysis | - Pharmacochemistry |
| - Coordination Chemistry and Homogeneous Catalysis | - Process Technology |
| - Crystallography | - Protein Research |
| - Design and Synthesis | - Solid State Chemistry and Materials Science |
| - Lipids and Biomembranes | - Spectroscopy and Theory |
| - Liquids and Interfaces | - Structure and Reactivity |

A short description of the CW study teams is available on the CW website (www.nwo.nl/cw)

b. Suitability within Chemical Sciences (CW) and chemical component (¼ page maximum)

Indicate why your proposal fits CW, the focus area chosen and describe the "innovative chemistry in/ innovative (bio)chemical or chemical technological component of" your proposal. In other words clarify why your proposal should be considered within Chemical Sciences.

4. Keywords

List up to 6 keywords relevant to the proposal. These keywords will be used to find appropriate referees. Therefore, choose the keywords with care. They should not be too general nor too specific.

5. Summary of the proposed research (½ page maximum)

Describe the objective of the proposal, the approach, and the motivation to perform the proposed research in your research group. Indicate partners that are required to collaborate in the present proposal.

6. Summary of requested funding within the total budget

The maximum total budget of an ECHO-project grant is k€ 260. Please specify personnel costs, consumables, and equipment. Personnel costs according to the most recent VSNU tariffs (including a "bench fee" for a.o. travel costs) approximately amount to: PhD student (4 yr) – k€ 208, post-doc 1 yr – k€ 68, post-doc 2 yr – k€ 137, post-doc 3 yr – k€ 205. More detailed information is available on the NWO website www.nwo.nl/cw/echo and in the FAQ on this page. A justification of the requested budget should be given in section 10.

7. Group members involved in the proposed research

List all the staff members who will be involved in the proposed research, provide name, initials, first name and titles. Please provide information on their involvement, e.g. responsible for daily guidance, advisor, thesis supervisor of PhD-students (promotor).

8. Current grants

Indicate which grants you and any of your co-applicants received from

- a. NWO or any of the NWO-councils, including ACTS, FOM, Technology Foundation STW, NGI, ICTRegie, and ZonMw
- b. other funding agencies

ECHO Project Grant

Guidelines to the grant application 2011-2012

Provide project title, number and financing council, when and to whom the grant was awarded and the number of personnel positions (PhD-students, post-docs, technicians) that is included in this grant. Indicate how many positions are still open (1 October 2011 is taken as reference date).

9. Grant applications

If you or any of your co-applicants have submitted a research proposal elsewhere on the same topic as this application, provide relevant information on that proposal. Also include proposals on the same topic submitted by other members of your or your co-applicants groups.

Research proposal

10. Full description of the proposal (5 pages maximum, including figures, excl. literature references)

Address the following items:

- aim/objectives
- approach/time scheme
- innovative elements
- justification requested financial support
- scientific embedding of the proposed research: background, (inter)national position, collaborations

11. Summary for the general public (preferably in Dutch)

Provide a title and short summary (50 words maximum, preferably in Dutch) of your proposal that is informative for the general public. In case your proposal is granted this summary may be used for publication purposes.

Publications and past performance

12. Publications

Add a list of the main publications of the applicant(s) of the last five years (maximum 25).

Submission

- The proposal should be submitted as pdf file via the Iris system on **28 September 2011** (23.59 hrs) at the latest. More information is available on www.nwo.nl/cw/echo.
- The proposal must be submitted from the Iris account of the main applicant.
- It is allowed to add suggestions for referees for your proposal in the appropriate step in the Iris procedure.
- If you want CW to *exclude* specific researchers from the evaluation of your application, you should inform CW by email by 28 September 2011, at the latest. Please give your arguments why they should be excluded from evaluating. You can exclude a maximum of 3 non-referees. Send your email to: topecho@nwo.nl
- Note that if your proposal is granted, the summary added in the Iris procedure and the summary for the general public will be published, for instance on the internet.
- In accordance with the agreement between NWO and the Dutch universities (VSNU) applicants should inform the university about the grant application. A copy of the application should be sent to the scientific director or dean of your department or institute. By submitting a proposal you state that you have informed your university or institute and that you and your university or institute accept the terms and conditions for this granting scheme.

More information

For more information, please check the website www.nwo.nl/cw/echo or contact:

- Dr M.M.E. (Margot) Snel, tel. +31 (0)70 34 40 758, email: m.snel@nwo.nl
- Dr V.V. (Varsha) Kapoerchan, tel. +31 (0)70 34 94 442, email: v.kapoerchan@nwo.nl