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Resilient nations.

29 March 2017

Dear Adrianna,

**Subject: Co-financing for GEF Project "Application of Green Chemistry in Viet Nam to support green growth and reduction in the use and release of POPs/harmful chemicals"**

We are pleased to confirm, for the purpose of supporting the proposed GEF project "*Application of Green Chemistry in Vietnam to support green growth and reduction in the use and release of POPs/harmful chemicals*", that UNDP Viet Nam will contribute total US\$ 200,000 as co-financing for of this GEF project.

This amount will include **(1) US\$ 160,000** in the form of paralell activities of the project "*Strengthening Capacity and Institutional Reform for Green Growth and Sustainable Development in Vietnam (CCIG)*". The project aims to build capacities and strengthen policies and regulations for the effective implementation of the Viet Nam Green Growth Strategy and achievement of sustainable development goals. The project specific objectives are to develop policies and regulations to promote green growth investments and to improve access to green growth financing and pilot green projects with private sector. and **(2) US\$ 40,000** co-financing in the form of specific activity on "*Energy Audit for two Pulp and Paper Companies in Vietnam*", one of which is the Bai Bang Pulp and Paper Company. The energy audit aims to identify practical aproaches and solutions to reduce the usage of coals in production processes, that would help to reduce the realease of mercury and CO2 to the environment.

We look forward to the GEF's consideration of this important project.

Yours sincerely,

Akiko Fujii  
Deputy Country Director

**Ms. Adriana Dinu,**  
GEF Executive Coordinator  
United Nations Development Programme

Số: **2 5 90** /BCT-HC

Hà Nội, ngày 29 tháng 3 năm 2017

V/v cam kết thực hiện và đồng tài  
trợ cho Dự án Hóa học xanh

Kính gửi: Chương trình Phát triển Liên hợp quốc (UNDP) tại Việt Nam

Triển khai Chương trình hành động của ngành Công Thương thực hiện Kế hoạch hành động quốc gia về phát triển bền vững giai đoạn 2013-2015 theo Quyết định số 160/QĐ-TTg ngày 15 tháng 3 năm 2013 của Thủ tướng Chính phủ, Bộ Công Thương (Cục Hóa chất; Văn phòng Phát triển bền vững) phối hợp với UNDP xây dựng Văn kiện Dự án “Áp dụng Hóa học xanh tại Việt Nam nhằm hỗ trợ phát triển xanh và giảm thiểu việc sử dụng và phát thải POPs cũng như các hóa chất nguy hại” (sau đây gọi tắt là Dự án Hóa học xanh).

Bộ Công Thương cam kết có kế hoạch đóng góp kinh phí đối ứng tương đương với 700.000 (Bảy trăm ngàn) Đô la Mỹ bằng hiện vật và tiền mặt trong giai đoạn từ năm 2018 đến năm 2020 như khoản đồng tài trợ, song song với các khoản tài trợ do Quỹ Môi trường toàn cầu (GEF) và các nhà đồng tài trợ khác cung cấp, để hỗ trợ Dự án đạt được các mục tiêu đề ra.

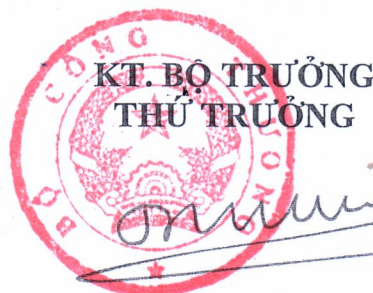
Kinh phí đồng tài trợ của Bộ Công Thương được thể hiện thông qua kinh phí nhà nước cấp cho Cục Hóa chất hàng năm, bao gồm kinh phí cho các hoạt động quản lý nhà nước, kinh phí cho các hoạt động khoa học, công nghệ, dự án có liên quan..., và được phản ánh cụ thể như sau:

- Kinh phí đảm bảo hoạt động của Văn phòng Ban quản lý Dự án (văn phòng làm việc, chi phí điện nước, thông tin liên lạc, xăng xe);
- Phụ cấp lương kiêm nhiệm cho cán bộ tham gia quản lý, giám sát và hỗ trợ thực hiện các hoạt động có liên quan đến Dự án, bao gồm: Giám đốc Dự án, Điều phối viên Dự án, thành viên Ban Quản lý Dự án và các cán bộ khác;
- Các hoạt động nghiên cứu, phát triển, ứng dụng khoa học công nghệ, xây dựng và triển khai thực hiện các quy chuẩn, tiêu chuẩn, hướng dẫn kỹ thuật về Hóa học xanh phục vụ cho việc thực hiện các hoạt động của Dự án;
- Hoạt động tăng cường năng lực cho các đối tượng có liên quan, tập huấn, truyền thông, hội chợ, triển lãm của ngành Công Thương trong đó có nội dung về Hóa học xanh.

Xin trân trọng cảm ơn./.

Nơi nhận:

- Như trên;
- Bộ trưởng (để báo cáo);
- Lưu: VT, HC.



**Đỗ Thắng Hải**

**MINISTRY OF TRADE**

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**SOCIAL REPUBLIC OF VIETNAM**

**Independence- Freedom- Happiness**

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No: 2590/ BCT- HC

*Hanoi, March 29<sup>th</sup> 2017*

*Subject: commitment to implement  
and co- finance for Green chemistry  
Project*

To: The United Nations Development Program (UNDP) in Vietnam

In line with the Action Program of Industry and Trade to implement the National Action Plan on Sustainable Development in 2013- 2015 according to Decision no 160/QĐ- TTg dated on March 15<sup>th</sup> 2013 signed by Prime Minister, Ministry of Industrial and Trade (Vietnam Chemical Management Agency; Sustainable Development Office) in collaboration with UNDP to develop Project Document on “ Application of Green Chemistry in Vietnam to support green growth and reduction in the use and release POPs/ harmful chemical” (hereinafter referred to as Green Chemistry Project).

Ministry of Industrial and Trade hereby commits to contribute counterpart budget equivalent to US \$700.000 (Seven hundred thousand US Dollar), both in kind and in cash during the period 2018 - 2020 as co-financing, in parallel with the fund provided by Global Environment Fund (GEF) and other co- financiers, to support the project achieving its targets.

Co-financing budget of Ministry of Industry and Trade is accounted for state budget allocated for Chemical Agent annually, including cost for regular state management activities, cost for scientific researches and technical projects..., and specified as follows:

- Cost to ensure activities of Project Management Unit (office, utility costs, communications, fuel for transportation);
- Government contribution for staff participating in management, supervision and support to project implementation, including National Project Director (NPD), National Project Coordinator (NPC), members of Project Management Board and other technical staff;
- All related and parallel activities on science and technology research, development, and application, standards and technical guideline development on Green Chemistry serving for the project implementation;
- Capacity building activities for relevant staff and stakeholders including training, communication, fairs, exhibits of Industrial and Trade sector, which have related Green Chemistry content.

***Recipients:***

- Above
- Ministers (to report)
- Save as: VT, HC

**for THE MINISTER  
Vice Minister  
(Signed and Sealed)  
Do Thang Hai**





**VIETNAM CHEMICALS AGENCY**  
**MINISTRY OF INDUSTRY AND TRADE**  
**THE SOCIALIST REPUBLIC OF VIETNAM**

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Fax: (84-4) 2220 5028  
Website:  
[www.vinachemia.gov.vn](http://www.vinachemia.gov.vn)

*Hanoi, March 14<sup>th</sup>, 2017*

UNDP Vietnam  
Green One UN House  
304 Kim Ma, Ngoc Khanh, Ba Dinh, Ha Noi

**Subject: LETTER OF CONFIRMATION**

Vietnam Chemicals Agency would like present its compliments to the UNDP Vietnam and has the honor to refer to the Project of “Application of Green Chemistry in Vietnam to support green growth and reduction in the use and release of POPs/harmful chemicals” (hereinafter Green Chemistry Project).

We are pleased to confirm that the Ministry of Industrial and Trade, with support from the Japan International Cooperation Agency (JICA) has implemented activities to strengthen chemical management and use. Several related activities from this project will serve as baseline that will be subsumed into the GEF supported project with focus on training, capacity building, and chemical database with the approximated value equal to US\$1,500,000. Details of the project and its relevant activities are described as below:

(1) Name: “Project for Strengthening Chemicals Management in Vietnam” funded by JICA during 2015-2018.

**(2) Project Purpose**

Industrial chemical management system, which adopted risk-based assessment and reflects the status of the industry, is endorsed by Vietnamese authorities.

**(3) Output**

- Short and middle term of action plans of Vietnam Chemicals Agency is established.
- The situation survey on the industrial chemicals is implemented.
- The national chemical inventory is developed.



- The national chemical database is developed.
- The risk-based chemicals management system is developed.
- Manuals for officials of the risk-based chemicals management system are prepared.
- Trainings to develop human resources for the risk-based chemicals management system are conducted.
- Awareness seminars for governmental officials and public-private companies are conducted.

Vietnam Chemicals Agency avails itself of this opportunity to renew to the UNDP Vietnam the assurances of its highest consideration./.

Yours sincerely,



Luu Hoang Ngoc  
Deputy Director General

Cc:

- As above;
- File: VT, HTQT.



## COMMITMENT LETTER OF PARTICIPATION PROJECT

Respectfully to: Vietnam Chemicals Agency, Ministry of Industry and Trade

CC: UNDP Vietnam

After carefully considering the Project Summary regarding the participation in the project “*Application of Green Chemistry in Vietnam to support green growth and reduction in the use and release of POPs and other harmful chemicals*” (Green Chemistry Project), we would like to confirm that:

1. PLATO Vietnam would like to participate in related activities of the Project “Green Chemistry”;
2. PLATO Vietnam can participate in the project by:
  - Changing all current technologies in PLATO Vietnam from using hexavalent Chromium (Cr(VI)) in electroplating to other similar technologies, which result to less use or reduction in use of hazardous/toxic chemicals;
  - Investing machines, materials, technology and training human resources to adapt the electroplating operation of either new environmental-friendly technology or green solutions;
  - Adapting all criteria of “Green Chemistry” applied by the UNDP project “*Application of Green Chemistry in Vietnam to support green growth and reduction in the use and release of POPs and other harmful chemicals*”;
  - Total cost of expanding the existing factory, buying new machines and equipment's, upgrading capacity, investing resources, which are expected approx. 2.000.000 USD (two million US. dollars) for a period of 2 years.

Hanoi, 09 March 2017

Director  
  
Eng. Nguyen Sy Hoa

**Vietnam Paper Corporation**

Address: Head office: 25A Ly Thuong Kiet St, Hoan Kiem dist- Hanoi

Mill site: Phong Chau Town, Phu Ninh dist- Phu Tho Province

Tel : 0210.3829755

Fax: 0210.3829177

**COMMITMENT LETTER OF PARTICIPATION PROJECT**

Respectfully to: VINACHEMIA, Ministry of Industry and Trade

CC: UNDP Vietnam

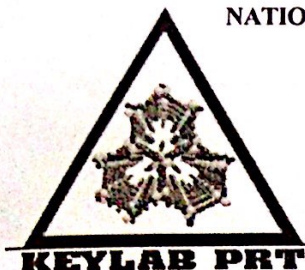
After carefully considering the Project Summary of "Application of Green Chemistry in Vietnam to support green growth and reduction in the use and release of POPs and other harmful chemicals" (Green Chemistry Project), we would like to confirm the participation of Vietnam Paper Corporation in related activities of the Project "Green Chemistry" and pilot green chemistry solutions. Our company commits a total contribution upto maximum of US\$1,000,000 (One million USD)equity for a period of 2 years, accounting for minimum 50% investment cost in accordance with the feasibility study for application of Green Chemistry solutions in Bai Bang Pulp and Paper Mill toward adoption of bleaching alternative to either reduce or eliminate the use and release of Elemental Chlorine and implementation of energy efficiency to reduce the release of mercury and carbon dioxide to environment. These solutions include investment of machines, materials, and technology and training the companies 's human resources.

Phu Tho, 27<sup>th</sup> March 2017



Nguyen Tien Vinh  
Deputy General Director





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Website: <http://keylabprt.com.vn>

## COMMITMENT LETTER OF PARTICIPATION PROJECT

Respectfully to: Vietnam Chemicals Agency – Ministry of Industry and Trade

CC: UNDP Vietnam

After carefully considering the Project Summary regarding the participation in the project “Application of Green Chemistry in Vietnam to support green and reduction in the use and release of POPs and other harmful chemicals” (Green Chemistry Project), National Key Laboratory for Petrochemical and Refining Technologies (Key lab PRT) would like to participate in the Green Chemistry Project in accordance with work program and confirm that our organization will support activities of this project.

Key lab PRT will be adapted all criteria of “Green Chemistry” applied by the UNDP project “Application of Green Chemistry in Vietnam to support green and reduction in the use and release of POPs and other harmful chemicals”.

Key lab PRT shall contribute the equipment system of the pilot plant for production of Biodiesel B100 with capacity of 200 tons/year with total cost of 22, 320, 000, 000 VND (twenty one billion three hundred and twenty million Vietnam dong) equal to US \$1,000,000 to carry out the Green Chemistry Projects such as “Application of Bio-solvents in Painting”.

The above mentioned equipment system is considered as Key lab PRT’s co-financing to the Green Chemistry Project.

Name: Vu Thi Thu Ha

Title: Director

Signature:   
Date: 23/03/2017





## LETTER OF CO-FINANCING

*Hanoi, March 24, 2017*

To: VINACHEMIA, MOIT

Cc: United Nations Development Programme (UNDP) in Vietnam

After studying the Project Brief, suggestions of Ministry of Industry and Trade and the Official Letter No.279/CHC-HTQT dated 16<sup>th</sup> March, 2017 about co-financing and participating in the project “**Application of Green Chemistry in Vietnam to support green growth and reduction in the use and release of POPs/harmful chemicals**” (**Green Chemistry Project**) as member of Project Steering Committee, Vietnam Environment Protection Fund (VEPF) agrees to participate and implement activities of the project, including:

- Participation in Project Steering Committee;
- Loan for investment project in Green Chemistry application; this is an object of project and have to meet all the regulations on financial support of Vietnam Environment Protection Fund, total capital commitment for the project is VND 45,500 billion (equivalent USD 2.000.000 in March, 2017) for a period of 3 years;

Commitment of fund for loan to participate in the project of Vietnam Environment Protection Fund is presented in the project brief and associated budget.

VIETNAM ENVIRONMENT PROTECTION FUND

Director



Nguyen Nam Phuong

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