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MR. MICHEL A.G. CARPENTIER

Michel A.G. Carpentier, Director-General of the Department for Environment and Consumer Protection in the administrative/executive branch of the European Community, the Commission, has worked with the EC since 1959.

Born in France in 1930, he received diplomas in business administration from the L'Ecole des Hautes Etudes Commerciales and in political science from the L'Ecole des Sciences Politiques, both in Paris. He also received a master's degree in law and economics from the University of Paris. For two years he served as president of the French section of the International Association of Economic and Commercial Science Students. During his university years, he also worked as a trainee in industries in Denmark, Spain, Finland and France, and twice visited the United States through the Experiment in International Living.

After more than two years in the French Navy as a liason officer with the English and Spanish-speaking navies, Carpentier joined the French Atomic Energy Commission and was appointed assistant to the Director of Administration and Finance. In 1959 he joined the European Community for Atomic Energy (Euratom) to begin his career with the EC.

Carpentier dealt first with the implementation of the administrative and financial rules of the new Community, as Administration Assistant to the Director General for Research and Education. Later he was named Head Contract Officer and until 1968, he was charged with the research, purchase and building contracts commissioned by Euratom. He visited the United States again in 1967 on a State Department Leader's Grant.

After the merger of the three Communities (Euratom, the European Economic Community and the European Coal and Steel Community) into a single European Community, Carpentier was appointed head of the division for Industrial Policy in the fields of nuclear energy and advanced technology; in 1971 he became head of the division for Environment. He and a small team of experts prepared the first action program for the environment for the European Community, which was adopted by the European Council in 1973. He was appointed to his present post in 1973.

In 1975, Carpentier received the Elizabeth Haub Award of the Free University of Brussels and the International Council of Environmental Law for his exceptional work in the environment field. In 1976, he was elected Chairman of the Board of the newly created Foundation for the Improvement of Working and Living Conditions in Dublin.

Carpentier is married and has four sons.

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June 1978



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MR DENIS CORBOY - DELEGATION WASHINGTON DC 20037
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IN ANSWER TO YOUR TELEX N. 908 PLEASE FIND HEREWITH CURRICULUM
VITAE REQUESTED:

MR. MICHEL ANDRE GEORGES CARPENTIER, DIRECTOR-GENERAL WITHIN THE
COMMISSION OF THE EUROPEAN COMMUNITIES, IS PRESENTLY APPOINTED
TO THE DIRECTORATE GENERAL FOR ENERGY.

HE WAS BORN ON OCTOBER 23, 1930. HE IS FRENCH. HE MARRIED IN
1956 ANNICK PUGET AND HAS FOUR BOYS (24 - 23 - 13 AND 12 YEARS
OLD).

MR. CARPENTIER STUDIED IN PARIS:

- 1) BUSINESS ADMINISTRATION
HE HAS GOT A DIPLOMA FROM THE BEST COLLEGE OF FRANCE IN THIS
FIELD, I.E. L'ECOLE DES HAUTES ETUDES COMMERCIALES
- 2) POLITICAL SCIENCE
HE IS ALSO DIPLOME DE L'ECOLE DES SCIENCES POLITIQUES DE
PARIS.

- 3) LAW AND ECONOMICS
HE HAS GOT AN M.A. (LICENCE EN DROIT ET SCIENCES ECONOMIQUES)
IN THOSE TWO FIELDS FROM THE UNIVERSITY OF PARIS.
DURING HIS STUDIES HE DEVOTED ALSO A LARGE PART OF HIS TIME
AND EFFORTS TO THE ASSOCIATION INTERNATIONALE DES ETUDIANTS EN
SCIENCES ECONOMIQUES ET COMMERCIALES (A.I.E.S.E.C.) AND WAS FOR
TWO YEARS PRESIDENT OF THE FRENCH SECTION OF THIS ORGANISATION.
HE WORKED AS TRAINEE IN DIFFERENT INDUSTRIES OF DIFFERENT
COUNTRIES (DENMARK, SPAIN, FINLAND, FRANCE) AND WENT TWICE TO
THE UNITED STATES THROUGH THE EXPERIMENT IN INTERNATIONAL
LIVING'' AND SPENT TWO YEARS AND A HALF IN THE FRENCH NAVY AS
LIAISON OFFICER WITH THE ENGLISH AND SPANISH SPEAKING NAVIES
(HE FINISHED AS FIRST LIEUTENANT).

FROM 1957 TO 1959, HE WAS ASSISTANT TO THE DIRECTOR OF
ADMINISTRATION AND FINANCE OF THE FRENCH ATOMIC ENERGY
COMMISSION (CEA) AND IN 1959 HE ENTERED THE EUROPEAN COMMUNITY
FOR NUCLEAR ENERGY (EURATOM).

AFTER DEALING WITH THE IMPLEMENTATION OF THE ADMINISTRATIVE AND
FINANCIAL RULES OF THIS NEW ORGANISM (HE WAS ADMINISTRATIVE
ASSISTANT TO THE GENERAL DIRECTOR FOR RESEARCH AND EDUCATION),
HE WAS APPOINTED HEAD CONTRACT OFFICER AND ENCHARGED OF THE
IMPORTANT AND DELICATE WORK TO NEGOCIATE AND ADMINISTER THE
VARIOUS CONTRACTS (RESEARCH, PURCHASE, BUILDING, ETC) COMMISS-
SIONED BY EURATOM. HE WAS IN CHARGE OF THIS DIVISION UNTIL
1968.

MEANWHILE IN 1967, HE WAS GIVEN A LEADER'S GRANT BY THE STATES
DEPARTMENT.

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THE SCIENTIFIC BACKGROUND AND KNOWLEDGE WHICH HE ACQUIRED DURING THESE YEARS WAS ALSO PRECIOUS FOR HIS FUTURE WORK WHEN HE BECAME IN 1968 WITHIN THE COMMISSION OF THE EUROPEAN ECONOMIC COMMUNITY HEAD OF THE DIVISION FOR INDUSTRIAL POLICY IN THE FIELDS OF NUCLEAR ENERGY AND ADVANCED TECHNOLOGY AND IN 1971 AFTER ITS

CREATION, HEAD OF THE DIVISION FOR ENVIRONMENT. IN THIS NEW FUNCTION, HE UNDERTOOK WITH A SMALL TEAM THE PREPARATION OF THE FIRST ACTION PROGRAMME OF THE EUROPEAN COMMUNITIES FOR THE ENVIRONMENT.

WHEN, AT THE BEGINNING OF 1973, THE COMMISSION CREATED THE ENVIRONMENT AND CONSUMER PROTECTION SERVICE HE WAS APPOINTED AS DIRECTOR OF THIS NEW DEPARTMENT. UNDER HIS RESPONSIBILITY, MORE THAN SIXTY DIRECTIVES (COMMUNITY LAWS) CONCERNING THE

PREVENTION OF POLLUTIONS AND NATURE CONSERVATION WERE PREPARED AND EVENTUALLY ADOPTED BY THE EEC COUNCIL IN THE FRAMEWORK OF THE ABOVE MENTIONED ACTION PROGRAMME.

IN 1975, MR CARPENTIER RECEIVED THE ELIZABETH HAUB AWARD GIVEN BY THE UNIVERSITE LIBRE DE BRUXELLES AND THE INTERNATIONAL COUNCIL OF ENVIRONMENTAL LAW FOR EXCEPTIONAL WORKS IN THE FIELD OF ENVIRONMENT .

IN 1976, MR. CARPENTIER WAS ELECTED CHAIRMAN OF THE BOARD OF THE NEWLY CREATED FOUNDATION FOR THE IMPROVEMENT OF THE WORKING AND LIVING CONDITIONS WHICH IS SITUATED IN DUBLIN. HE HAS BEEN A MEMBER OF THE INTERNATIONAL RHINE COMMISSION SINCE DECEMBER 1976. IN JUNE 1978, MR. CARPENTIER WAS APPOINTED A MEMBER OF THE ADVISORY BOARD OF THE INTERNATIONAL INSTITUTE FOR ENVIRONMENT AND SOCIETY IN BERLIN.

PROMOTED DIRECTOR-GENERAL ON A PERSONAL BASIS ON 8 JUNE 1977, THE COMMISSION OFFICIALLY CONFIRMED MR. CARPENTIER AS DIRECTOR GENERAL OF THE ENVIRONMENT AND CONSUMER PROTECTION SERVICE AS FROM 11 JUNE 1980.

ON THE 1ST OF JULY 1981 HE WAS APPOINTED DEPUTY DIRECTOR GENERAL FOR ENERGY. HIS MAIN RESPONSIBILITIES CONCERN ENERGY INVESTMENTS PRICING AND TAXATION POLICIES, RELATIONS BETWEEN ENERGY, RESEARCH AND DEVELOPMENT POLICIES, EXTERNAL RELATIONS, ENERGY CONSERVATION AND NEW AND RENEWABLE SOURCES OF ENERGY.

WITH MY BEST WISHES

M. CARPENTIER
DIRECTOR GENERAL
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July 1991

CURRICULUM VITAE OF MICHEL CARPENTIER

1. **Michel CARPENTIER is Director-General for Telecommunications, Information Industries and Innovation at the Commission of the European Communities.**
2. **This Directorate-General (DG XIII) was created in March 1986 by merging the Information Technologies and Telecommunications Task Force with the former DG XIII - Information Market and Innovation.**

Its role is to implement a European strategy including all aspects of information in the broadest sense, such as provision, processing, storage, transmission and access. Due to the speed of the technological progress in recent years these operations became increasingly important for the improvement of competitiveness, social change and employment.

As Director-General, he is responsible for programmes in the development of technology, electronics and computer science ESPRIT⁽¹⁾ and RACE⁽²⁾ (telecommunications) and, more generally, policy and action programmes concerning telecommunications, information industries and services, standardization in these fields, and innovation.

(1) European Strategic Programme for Research and Development in Information Technology

(2) Research and Development in Advanced Communications-Technologies for Europe



He sees it as particularly important to assure synergy between the different elements of industrial competitiveness in this area (technologies, markets, industrial structures, telecommunications infrastructures, training, information services, commercial aspects, etc...). In this context he has close contacts with the European industry and scientific world.

3. Mr CARPENTIER has extensive experience both in R&D and industrial policy. After having been Administrator in the French Atomic Energy Commission, he became Head of the R&D contracts division at EURATOM, and later Head of Division at the Directorate-General for Industrial, Technological and Scientific Affairs at the newly-created Commission of the European Communities.

He then created and headed for a period of ten years, first as Director and later as Director-General, the Environment and Consumer Protection Service. In this role, he developed a Community environment policy, associating the protection of the environment with economic development. He received several international prizes, was President of the Administrative Board of the European Foundation for the Improvement of Living Conditions in Dublin, and a Member of the International Commission to fight the pollution of the Rhine. He later became Director-General at the Energy Directorate-General, where he was not only responsible for Community programmes related to new energy sources and energy-saving, but also for relations and agreements with developing countries, particularly with China and Latin American countries.

4. M. CARPENTIER is a graduate of the *École des Hautes Etudes Commerciales* (business administration) and of the *École des Sciences Politiques* of Paris. He also has a degree in law and economics from the University of Paris.

He is *doctor es Science honoris causa* of Loughborough Technological University and of Madrid Polytechnical University and Foreign Member of the Swedish Royal Academy of Engineering Sciences.

5. M. CARPENTIER is married with 4 children. He is a reserve officer in the French Navy and Chevalier of the Legion d'Honneur.



CURRICULUM VITAE DE MONSIEUR MICHEL CARPENTIER

1. Michel Carpentier est Directeur Général à la Commission des Communautés européennes de la DG XIII (Télécommunications, Industrie de l'Information et Innovation).

2. Cette Direction Générale est chargée de mettre en place une stratégie européenne concernant l'ensemble des opérations (saisie, traitement, stockage, communication et mise à disposition) utilisant l'information au sens large du terme, opérations qui ont pris ces dernières années, du fait des progrès technologiques, une importance croissante dans l'amélioration de la compétitivité, les mutations sociales et l'emploi.

A ce titre, il est responsable des programmes de recherches et de développement technologique, électronique et informatique ESPRIT⁽¹⁾ et RACE⁽²⁾ (télécommunications) et, plus généralement, de la politique et des programmes d'action concernant les télécommunications, les industries et services de l'information, ainsi que la normalisation dans ces domaines.

Il s'attache en particulier à assurer la synergie entre les diverses composantes de la compétitivité industrielle dans ce domaine (recherche, technologies, marchés, structures industrielles, infrastructures de télécommunications, formation, services d'information, relations extérieures, etc.). Il assure dans ce cadre des relations étroites avec les industries, les laboratoires et centres de recherches européens ainsi qu'avec de très nombreuses autres Directions générales de la Commission.

Il est également chargé de développer toutes activités d'intérêt communautaire permettant d'améliorer l'innovation.

3. Michel Carpentier possède une longue expérience à la fois de la politique de R&D, de la politique industrielle et des milieux internationaux.

Il fait ses débuts dans ces milieux en étant au cours de ses études à l'École des Hautes Etudes Commerciales (HEC) Président de la section française de l'AIIESEC (Association Internationale des Etudiants en Sciences Economiques et Commerciales). Il poursuit cette expérience comme officier de réserve dans la Marine Française où il exerce les fonctions d'officier interprète et des transmissions.

Après un passage dans une société de conseil en organisation, il entre au Commissariat à l'Energie Atomique, où, comme membre du Bureau de Méthodes, il s'occupe des problèmes d'organisation de cette grande administration.

Il entre ensuite à la Communauté Européenne de l'Energie Atomique (EURATOM). Il est chargé à la Direction Générale de la Recherche, des questions administratives (budget, personnel, contrats, etc.). Il y devient Chef de la Division des contrats de recherche et de développement conclus entre l'EURATOM, l'industrie et les centres de recherche de l'Europe des Six dans le domaine nucléaire, activité à laquelle l'EURATOM consacre à l'époque la moitié de son budget.

⁽¹⁾ European Strategic Programme for Research and development in Information Technology

⁽²⁾ Research and development in Advanced Communication technologies for Europe



Après un séjour aux Etats-Unis, il entre comme Chef de Division à la Direction Générale des Affaires Industrielles Technologiques et Scientifiques de la Commission des Communautés Européennes fusionnées. Il s'occupe déjà à cette époque des secteurs de technologies avancées et participe à la rédaction de la première communication présentée par la Commission sur une politique industrielle européenne (rapport Colonna).

Il jette ensuite les bases de la politique communautaire de l'environnement, sous l'autorité de Monsieur Spinelli. Il crée le Service de l'Environnement et de la Protection des Consommateurs dont il devient le Directeur puis le Directeur Général. Il contribue activement dans ses fonctions au développement d'une politique européenne de l'environnement associant étroitement la protection et l'amélioration du milieu ambiant au développement économique. Il reçoit à ce titre plusieurs prix internationaux (Belgique, Allemagne, Italie). Il exerce la présidence du Conseil d'Administration de la Fondation Européenne pour l'amélioration des Conditions de Vie et de Travail à Dublin et devient membre de la Commission Internationale contre la pollution des eaux du Rhin.

Appelé ensuite à la Direction Générale de l'Energie, il y assure en particulier, la responsabilité des programmes de développement des énergies nouvelles et des économies d'énergie ainsi que les relations avec les pays en voie d'industrialisation en particulier avec la Chine et l'Amérique Latine.

En 1983, à la demande du Vice-Président Davignon, il prend la tête d'une Task Force des Technologies de l'Information et des Télécommunications. Regroupée avec les Services de Luxembourg chargés du marché de l'information et de l'innovation, cet ensemble devient l'actuelle DG XIII. En 1986, il reçoit le prix "Prognos" (germano-suisse) pour la promotion en Europe de la R&D dans les technologies de l'information.

4. Michel Carpentier est diplômé de l'Ecole des Hautes Etudes Commerciales et de l'Institut des Sciences Politiques de Paris ainsi que Licencié en Droit et Sciences Economique de l'Université de Paris. Il est Docteur es Science h.c. de l'Université de Loughborough et de l'Université Polytechnique de Madrid, Membre étranger de l'Académie Royale Suédoise des Sciences de l'Ingénierie et Honorary Freeman of the Company of Information Technologists. Il est Chevalier de la Légion d'honneur.
5. Michel Carpentier est né en France le 23 octobre 1930, est marié et père de quatre enfants.

