

COMMISSION OF THE EUROPEAN COMMUNITIES

C(81) 1706 final

Brussels, 16 November 1981

COMMISSION DECISION

of 16 November 1981

on the granting of financial support for demonstration
projects in the field of liquefaction and
gasification of solid fuels

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THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community,
Having regard to Council Regulation (EEC) No. 1302/78 of 12 June 1978 on
the granting of financial support for projects to exploit alternative
energy sources (1), and in particular, Art. 6 (2) thereof,

After consultation with the Advisory Committee on the Management of
Projects for the Liquefaction and Gasification of
Solid Fuels;

Whereas Article 1 of Regulation (EEC) No 1302/78 provides for the granting
of financial support for demonstration projects to exploit alternative
energy sources in the Community, which by their nature may serve as examples
and which prior studies and research have shown to offer prospects of
industrial and commercial viability;

Whereas the liquefaction and gasification of solid fuels offer interesting
possibilities for exploitation and need to have available tried and tested
technologies within the required time;

Whereas the Commission has already adopted a first series of projects on
29 November 1978 and a second series of projects on 14 November 1980;
whereas it is now appropriate to decide on a third series of projects,

HAS ADOPTED THIS DECISION:

Article 1

The demonstration projects listed in the Annex shall receive financial
support under the provision of Regulation (EEC) No. 1302/78
by means of a financial contribution which shall be repayable on
certain conditions.

(1) OJ No L 158, 16.6.1978, p. 3

Article 2

The financial support referred to in Article 1 shall be granted to each of the projects on the basis of the percentages of the final cost, as verified and accepted by the Commission and indicated in the Annex and within the limits of the maximum amounts also specified in the Annex.

Article 3

This decision is addressed to the persons and undertakings listed in the Annex.

Done at Brussels, 16 November 1981

For the Commission

Etienne DAVIGNON
Vice-President

SUPPORT FOR DEVELOPMENT PROJECTS

in the field of liquefaction and gasification of solid fuels

Ref.	Title, proposers, aims, phases, timing	Total cost	Level of support	Aid
LG 01/5/80	<p><u>Coal gasification demonstration plant (AGIP (ENI))</u> Design and construction of a plant (200-400 t/day of coal using the Texaco process) to provide synthesis gas (for industrial use or further treatment to obtain methanol, motor fuels, etc.) from high-sulphur coals from the SULCIS deposit (Sardinia). Environmentally acceptable gas after reopening of these reserves. Phase 1: Process selection (completed) Phase 2: Engineering (15 months) Phase 3: Construction (21 months)</p>	<p>120.000 x 10⁶ Lit 100 246 000 ECU of which, for part of phase 3: 54 000 x 10⁶ Lit 45 110 000 ECU</p>	<p>10% Support envisaged for part of phase 3</p>	<p>5 400 x 10⁶ Lit 4 511 000 ECU</p>
LG 01/6/80	<p><u>Demonstration of a commercial scale slagging gasifier (EGC, London, in collaboration with Lurgi GmbH, Frankfurt)</u> Trials with an existing gasifier (Westfield Development Centre) and conversion of a second one to do slagging operation in order to prove its commercial viability for SNG production (1300-1500°C-30 bars). Phase 1: Coal performance trials (completed) Phase 2: Fines injection (14 months) Phase 3: Transfer to 2nd gasifier (10 months) Phase 4: Demonstration trials (3 months)</p>	<p>£30 844 400 (Lurgi to provide £831 400) 50 793 000 ECU of which, for phase 3: £10 697 500 17 616 000 ECU</p>	<p>40% Support envisaged for phase 3</p>	<p>£4 279 000 7 046 000 ECU</p>

NOTE: The rate of conversion to ECU is that of 15 July 1980 (closing date for proposals).

The totals in ECU are only indicative.

Ref.	Title, proposers, aims, phases, timing	Total cost	Level of support	Aid
<p>LG 01/10/80</p>	<p><u>Production of hydrogen for hydrogenation of heavy oil and coal (VEBA OEL, Gelsenkirchen-Buer)</u> Construction and operation of an additional full-scale unit for the gasification of solid fuels or residues from coal hydrogenation. Phase 1: Planning (9 months) Phase 2: Engineering (12 months) Phase 3: Construction (18 months) Phase 4: Operation (24 months) (63 months)</p>	<p>79 400 000 DM 31 553 000 ECU of which, for part of phase 3: 32 653 500 DM 12 976 000 ECU</p>	<p>40% Aid envisaged for part of phase 3</p>	<p>13 060 000 DM 5 190 000 ECU</p>
<p>LG 02/1/80</p>	<p><u>Deep underground gasification of coal (CECS, Paris)</u> Continuation of project LG 02/2/78 on a larger scale (from the surface) Phase 1: Choice of test site (21 months) Phase 2: Drilling and linking (24 months) Phase 3: Ignition and combustion (6 months) Phase 4: Gasification (18 months) (48 months)</p>	<p>125 000 000 FF 21 401 000 ECU of which, for phase 4: 25 000 000 FF 4 280 000 ECU</p>	<p>40% Support envisaged for phase 4</p>	<p>10 000 000 FF 1 711 000 ECU</p>
<p>LG 03/3/80</p>	<p><u>Demonstration project for selective hydrocarbon synthesis (HALDOR TOPSØE, Lyngby)</u> Construction and operation of a pilot plant (1 t/day output) to manufacture gasoline or other liquid products from the synthesis gas from a coal gasification plant (or on the base of heavy fuel oil or natural gas) by catalytic synthesis at low pressure (methanol synthesis and fractionation). Phase 1: Design (2 months) Phase 2: Construction (6.5 months) Phase 3: Operation (33.5 months)</p>	<p>36 540 000 Dkr 4 683 000 ECU of which for phase 3: 10 340 000 Dkr 1 325 000 ECU</p>	<p>40% Support envisaged for phase 3</p>	<p>4 136 000 Dkr 530 000 ECU</p>