

CENTRAL INTELLIGENCE AGENCY  
**INFORMATION REPORT**

REPORT

CD NO.

25X1

COUNTRY East Germany

DATE DISTR. 20 October 1954

SUBJECT Chemical Research at VEB Kombinat Otto Grotewohl, Boehlen

NO. OF PAGES 3

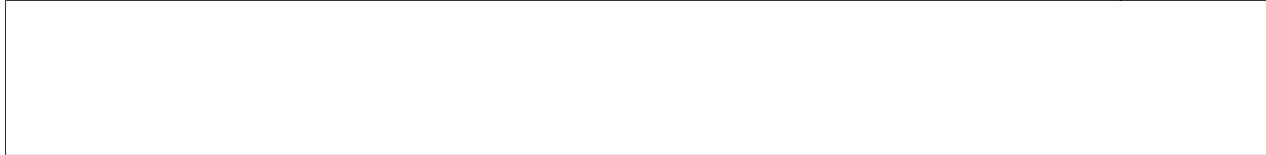
PLACE ACQUIRED

NO. OF ENCLS. (LISTED BELOW)

25X1

DATE OF INFO.

SUPPLEMENT TO REPORT NO.



**THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U. S. CODE, AS AMENDED. ITS TRANSMISSION OR REVELATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.**

THIS IS UNEVALUATED INFORMATION

25X1



1. Chemical research at VEB Kombinat "Otto Grotewohl" in Boehlen is under the direction of Dr. Schmitt (fnu). Schmitt also ~~is in charge of the research~~ for Organic Chemical Raw and Basic Materials (Arbeitskreis fuer Organisch-Chemische Roh-und Grundstoffe) founded in early 1952 upon the initiative of the Zentralamt fuer Forschung und Technik (ZAFT).
2. The chemical research projects of the enterprise were divided into ~~four~~ categories in 1953:
  - (a) Projects of importance not only for the enterprise but for the East German economy which were taken over into the ~~Prospective~~ Plan. 1
  - (b) Projects of importance for the individual departments of the enterprise (Arbeitsauftraege). 25X1
  - (c) Projects initiated by the Kombinat ~~administration and included in the~~ ~~Prospective~~ Plan.
  - (d) Projects initiated by WTZ. 2
3. The number of 1953 research projects carried out in the enterprise was 86. They were divided as follows:
 

State Research Program (A):	18 projects
Research Program of WTZ (D):	4 projects
Research Program of the Enterprise (C):	44 projects
Arbeitsauftraege (B):	20 projects
4. The following table lists those projects which were successfully concluded in 1953. The table also indicates the numbers of the projects, their supervisors and the profits expected to be made through them by industrial exploitation. All amounts are in millions of DME:

25X1

CLASSIFICATION SECRET

STATE	x	NAVY	x	NSRB		DISTRIBUTION			
ARMY	#x	AIR	#x	FBI		ORR Ev	x	OSI Ev	x

SECRET CONTROL  
U.S. OFFICIALS ONLY

- 2 -



Number	Project	Supervisor	Expected profit
--------	---------	------------	-----------------

A. State Research Projects

F3-01	Investigation and development of contact substances	Dr. Prinzier	0.480
F3-02	Naphthalene	Dipl. Ing. Sander	0.100
F3-06	Polymerization (Light oil refining)	Dipl. Ing. Blass	5.300
F3-07	Phthalic acid	Dipl. Ing. Blasser	0.100
V3-02	Platinum contacts (0Z.70 Benzin)	Dipl. Ing. Sander	11.000
V3-03	Desulphurization of circulation gas	Dr. Grunewald	1.000
V3-06	Phenosolvan extract	Dipl Ing. Sander	0.500
V3-08	Aromatic cracking (raw Diesel refining)	Dr. Birthler	6.120

B. Enterprise Projects

B 50	Metaphosphate vaccination	Rossmannith	0.086
B 51	Production of T-product	Dr. Grunewald	0.072
B 63	Wash-oil experiments in the sulfur department	Dr. Grunewald	0.150
B 64	Sulfur washing	Dr. Grunewald	0.011
C 100	Pre-washing in sulfur production	Dr. Grunewald	0.225
C 103	Pyridin production	Dr. Grunewald	0.360
C 107	Sulfur production (Koks-schnecke) (sic)	Dr. Grunewald	0.500
C 146	Preliminary project Goelzau	Dr. Grunewald	<u>0.080</u>

Total expected profit: 26.084

5. The 1953 research program of the enterprise was carried out with a total of 2512 persons, among them 67 scientists, engineers and technicians. A total of 2.1 million DME was spent for research in 1953. The "success ratio" of 1953 was 11:1, i.e. eleven DME are expected to return sooner or later from every DME invested in 1953 research.
6. With respect to other 1953 research projects not mentioned in the above table, the following statements were made in the annual 1953 report of the enterprise:
- a) A contact substance not yet in existence in East Germany is under development. This contact is to be produced in 1954 on a semi-technical scale; later on it will be produced and used on a full technical scale. Use of this contact will permit better exploitation of the available installation and, thus, increased production of high quality fuels. The enterprise counts on a fuel production increase of 11 million DME per year through use of the contact in one of its dehydration chambers. If the contact

SECRET CONTROL  
U.S. OFFICIALS ONLY


SECRET CONTROL  
U.S. OFFICIALS ONLY




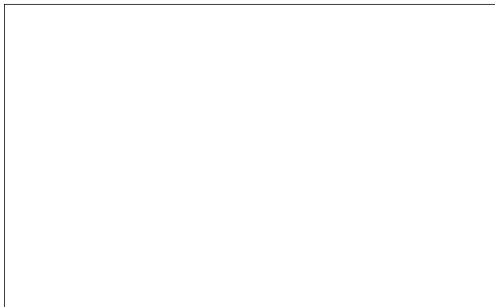
- 3 -

is used at the same time in the second dehydration chamber of the enterprise for refining raw Diesel fuel and light oil, an additional 10 million DME per year of increased production are to be expected;

- b) Increased sulfur production in the value of about 1.5 million DME per year will be the result of a research project on the desulfurization of the circulation gases in the distillation plant. The results of this project have already been partly applied.
- c) Another project deals with modern test methods in connection with the development of new catalysts for hydrogenation. Successful results have already been obtained. Contact substances have been developed which have better resistance against vaporization than those used so far. Use of these new contacts which, however, are still under investigation, will increase annual production by about 500,000 DME.

 Comment. The ~~Prospective~~ Plan is the tentative plan covering the period of the next five years.

 Comment. Wissenschaftlich-Technische Zusammenarbeit, a department of the State Planning Commission for scientific-technical cooperation with the satellite countries.



25X1

25X1

25X1

SECRET CONTROL  
U.S. OFFICIALS ONLY