



**INTERNATIONAL ATOMIC ENERGY AGENCY**



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IAEA-CPS-95/25  
24 November 1995  
Original: ENGLISH

## **COUNTRY PROGRAMME SUMMARY**

**THE AGENCY'S TECHNICAL CO-OPERATION  
PROGRAMME WITH  
COTE D'IVOIRE  
1985 - 1995  
COUNTRY PROGRAMME SUMMARIES**

**DEPARTMENT OF TECHNICAL CO-OPERATION**

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1985 - 1995  
  
COUNTRY PROGRAMME SUMMARIES

EVALUATION SECTION

**DEPARTMENT OF TECHNICAL CO-OPERATION**

**THE AGENCY'S TECHNICAL CO-OPERATION**

**PROGRAMME WITH**

**COTE D'IVOIRE**

**1985 - 1995**

**COUNTRY PROGRAMME SUMMARIES**

This report contains a review of the Agency's technical co-operation activities in Côte d'Ivoire carried out during 1985 - 1995. In terms of coverage and analytical depth, country programme summaries stand somewhere midway between in-depth country programme evaluations and individual project evaluations. They attempt to provide a comprehensive, descriptive picture of the Agency's co-operation with a Member State in a manner that will be particularly useful for programming decisions. The attempt is very much to describe -- largely through statistical data -- not to provide independent analysis and evaluation.

**COTE D'IVOIRE**

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## INTRODUCTION

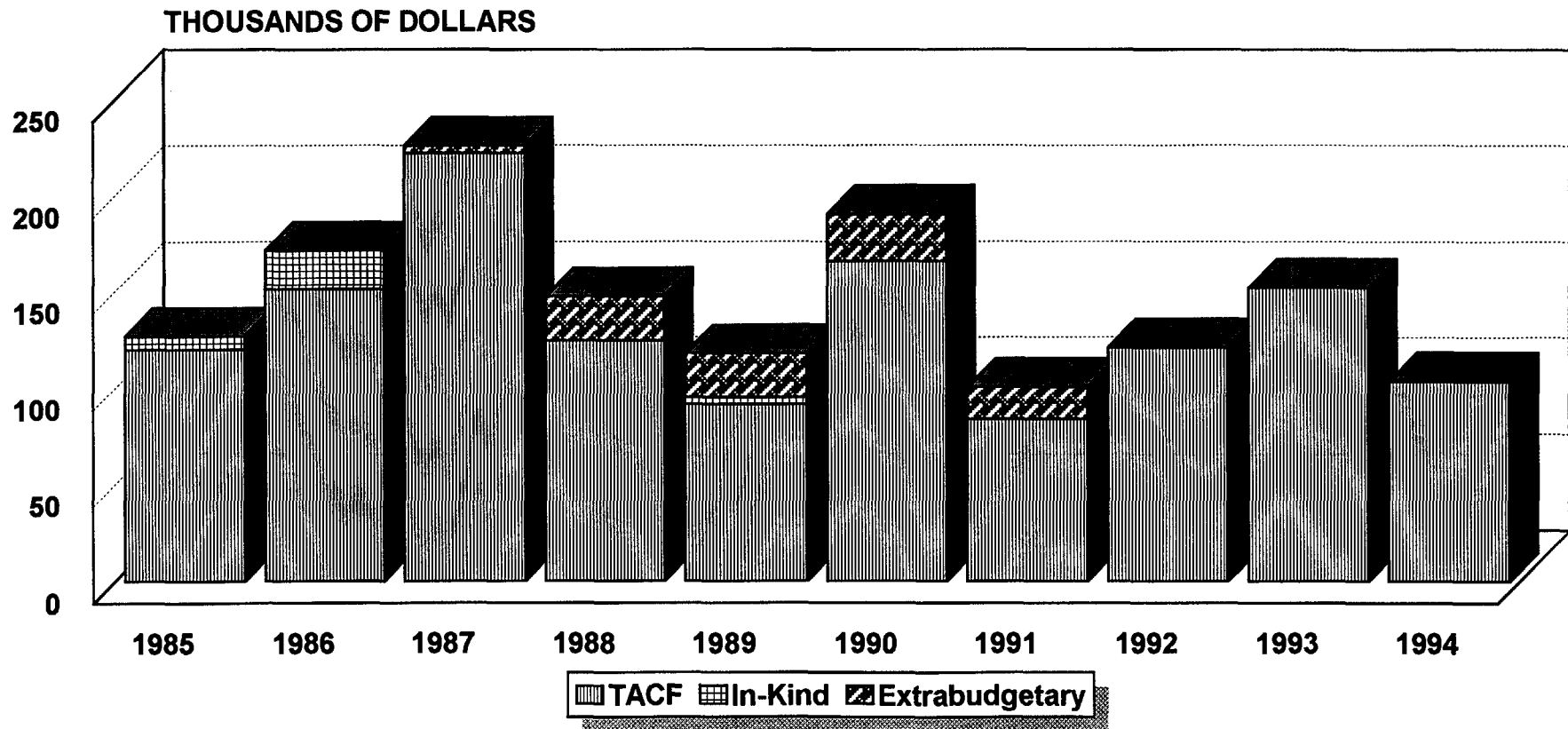
The country programme summary reported on here is one in the series of such studies being undertaken of the Agency's TC programme with Member States. With over \$2.1 million of Agency support received, Côte d'Ivoire ranks 63<sup>rd</sup> among all recipients of technical assistance during the period 1958 through 1994.

More than half of the assistance received during the past ten years has been provided in the form of equipment (54%), complemented by expert services (28%) and training (18%). The bulk of the resources was made available through the Technical Co-operation Fund (92%), the rest was provided through extrabudgetary contributions (6%) and through assistance in kind (2%).

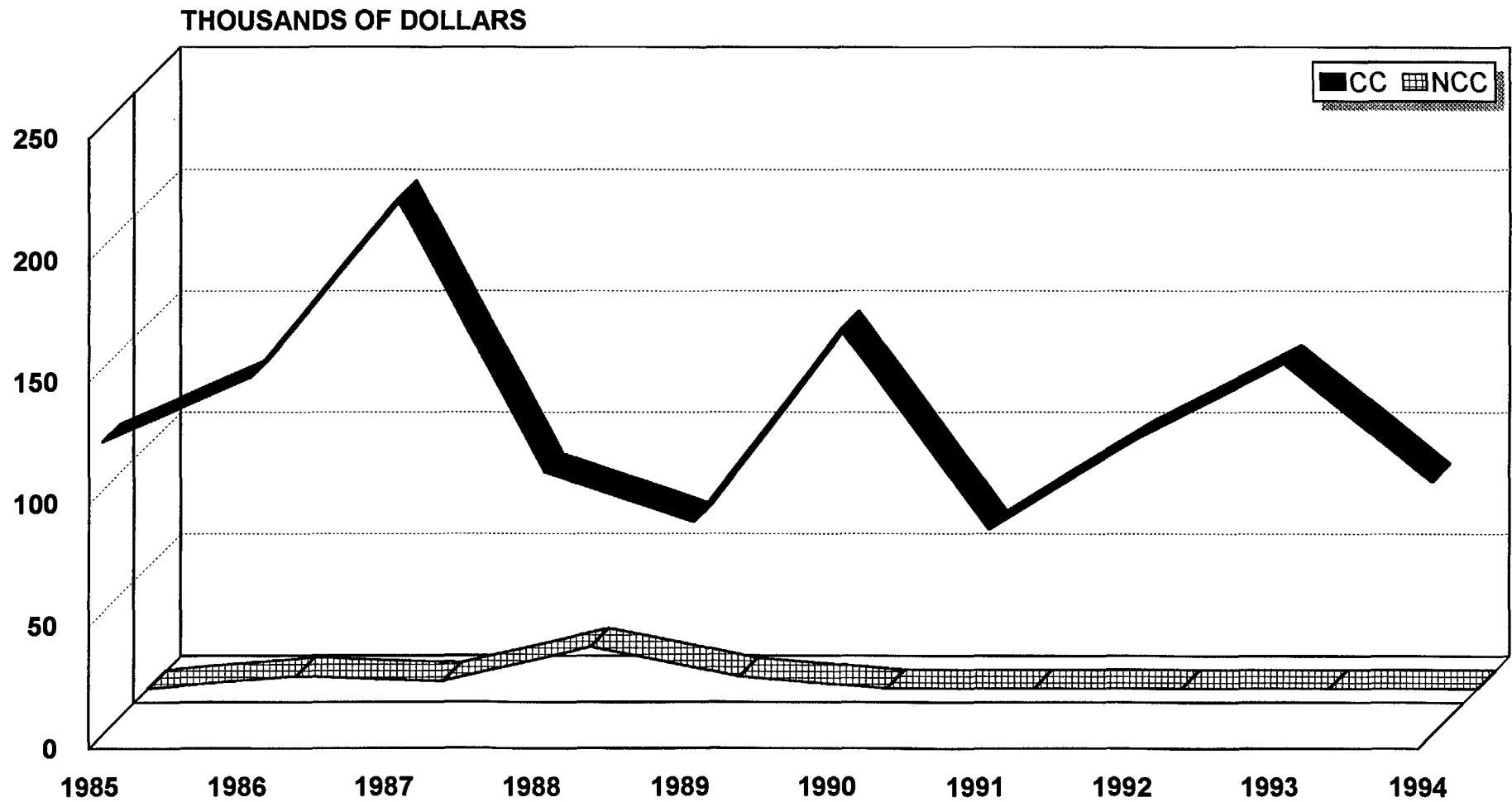
Only four sectors have been involved in project assistance: By far the largest has been agriculture (59%), followed by general atomic energy development (26%), nuclear safety (11%) and nuclear medicine (6%).

Since 1985, two scientists from Côte d'Ivoire have completed nine assignments as Agency experts and training course lecturers or as participants in research co-ordination meetings. During the same period, Côte d'Ivoire has hosted four fellowships and one regional training course for 17 participants.

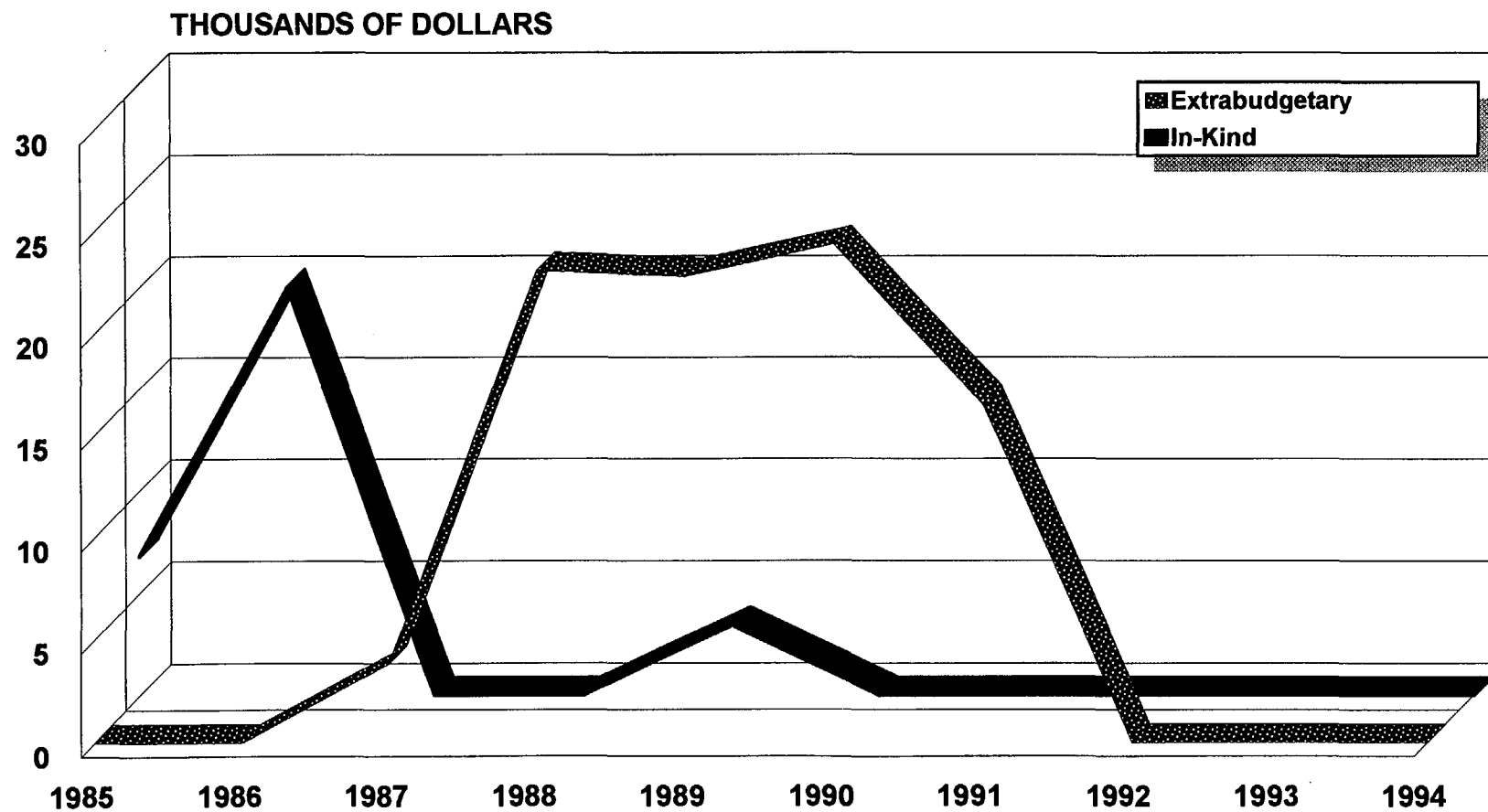
# ASSISTANCE PROVIDED BY THE AGENCY TO COTE D'IVOIRE BY SOURCE (1985 - 1994)



# TACF ASSISTANCE PROVIDED TO COTE D'IVOIRE (1985 - 1994)

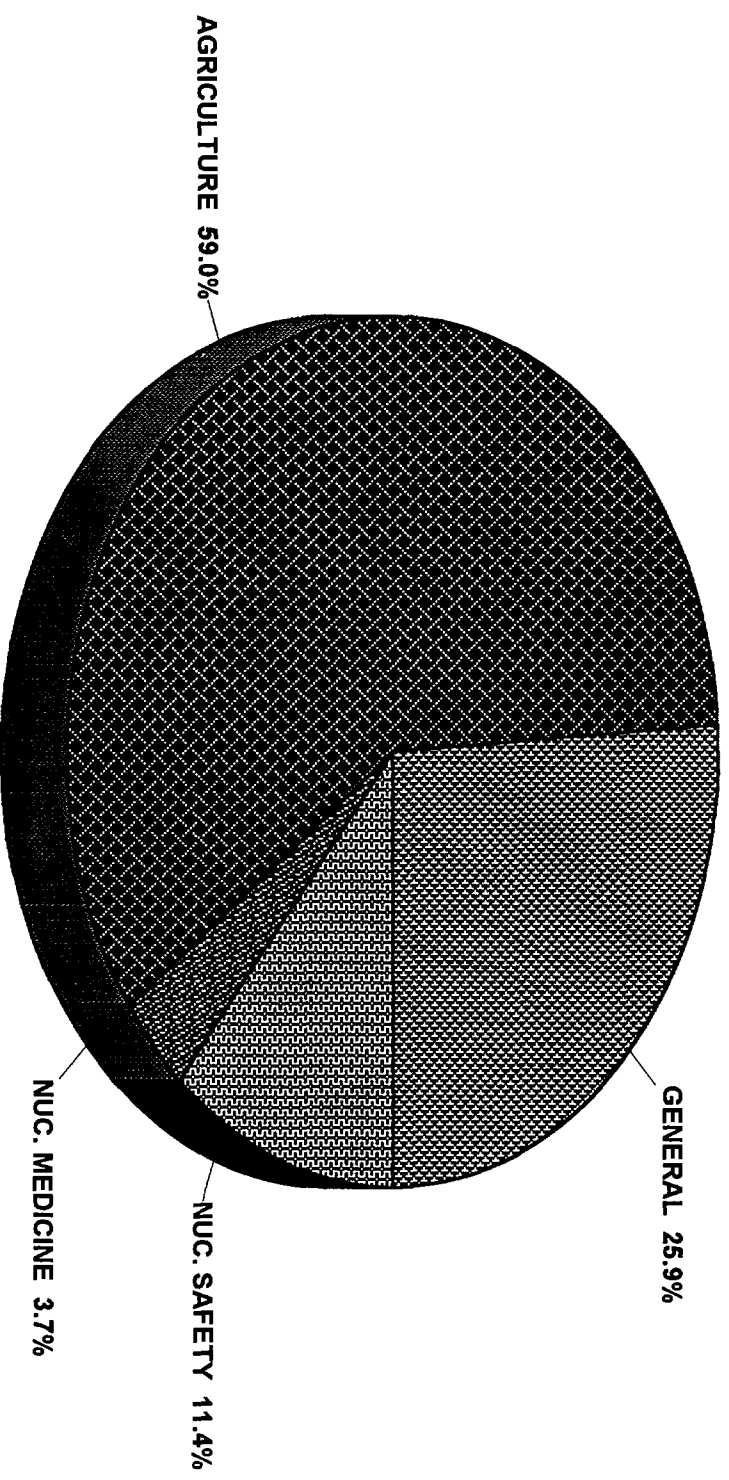


# EXTRABUDGETARY AND IN-KIND ASSISTANCE PROVIDED TO COTE D'IVOIRE (1985 - 1994)

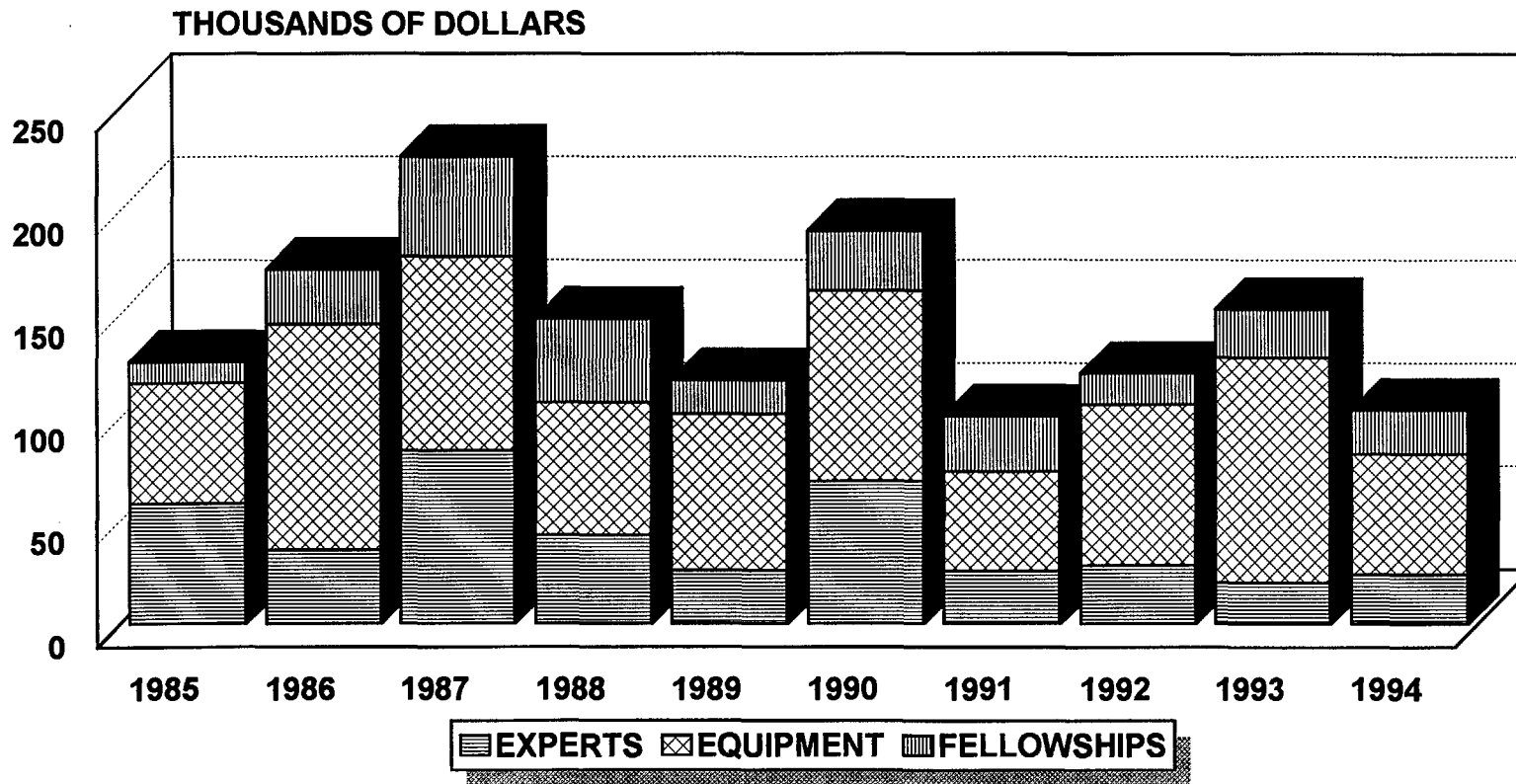




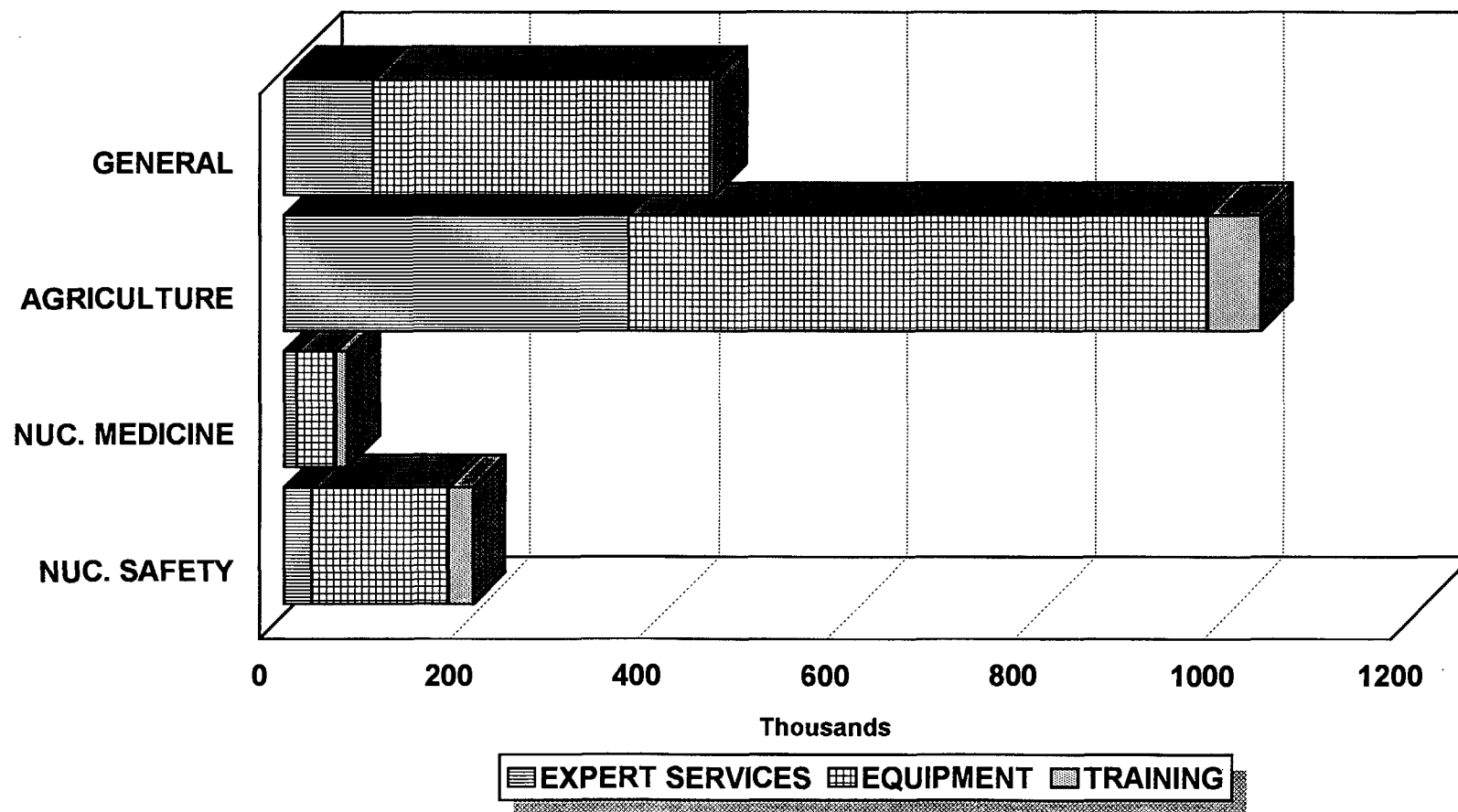
# TC PROJECT DISBURSEMENTS IN COTE D'IVOIRE BY SECTOR (1985 - 1995)



# ASSISTANCE PROVIDED BY THE AGENCY TO COTE D'IVOIRE BY TYPE (1985 - 1994)



# EXPERT SERVICES, EQUIPMENT AND PROJECT-FUNDED TRAINING PROVIDED TO COTE D'IVOIRE BY SECTOR (1985 - 1995)



THE AGENCY'S TECHNICAL CO-OPERATION PROGRAMME WITH COTE D'IVOIRE

ALL SOURCES

COTE D'IVOIRE'S RANKING AS A TC RECIPIENT  
1958 - 1994  
(in \$1000)

YEAR	RANKING	AMOUNT
1958-84	62 <sup>nd</sup>	673.1
1985	56 <sup>th</sup>	126.5
1986	48 <sup>th</sup>	171.3
1987	47 <sup>th</sup>	226.0
1988	51 <sup>st</sup>	147.3
1989	61 <sup>st</sup>	117.6
1990	53 <sup>rd</sup>	190.2
1991	67 <sup>th</sup>	100.1
1992	67 <sup>th</sup>	120.8
1993	67 <sup>th</sup>	151.9
1994	72 <sup>nd</sup>	103.2
1958-94	63 <sup>rd</sup>	2128.0

**"TOP FIVE" RECIPIENTS OF AGENCY ASSISTANCE  
1958 - 1994 (in \$1000)**

**ALL SOURCES**

Year	I	II	III	IV	V	COTE D'IVOIRE
1958-84	EGY 10650.4	BRA 9513.7	PER 7574.2	IND 7412.8	PHI 6679.0	62 <sup>nd</sup> - 673.1
1985	EGY 2494.8	PER 1120.7	THA 1117.4	BGD 1068.2	PHI 963.7	56 <sup>th</sup> - 126.5
1986	EGY 2317.0	BRA 1452.9	THA 1169.4	POL 1050.3	BGD 896.4	48 <sup>th</sup> - 171.3
1987	HUN 3452.6	EGY 1775.4	THA 1742.4	INS 1312.5	YUG 1223.2	47 <sup>th</sup> - 226.0
1988	EGY 1486.9	BUL 1361.6	CPR 1278.5	THA 1158.7	BRA 1096.7	51 <sup>st</sup> - 147.3
1989	CPR 1542.3	EGY 1505.1	THA 1205.3	BRA 1096.5	INS 999.1	61 <sup>st</sup> - 117.6
1990	POL 2308.1	CPR 2005.0	VIE 1589.2	INS 1412.6	BRA 1229.1	53 <sup>rd</sup> - 190.2
1991	INS 1305.2	CPR 975.0	EGY 959.8	BRA 951.2	BUL 934.7	67 <sup>th</sup> - 100.1
1992	EGY 1586.3	INS 1342.1	CPR 1328.8	MEX 1127.8	POL 1036.4	67 <sup>th</sup> - 120.8
1993	INS 1285.9	CPR 1091.7	PAK 1012.2	EGY 905.3	IRA 810.1	67 <sup>th</sup> - 151.9
1994	URT 2153.3	IRA 1438.5	CPR 1336.1	ARG 1225.8	GHA 1166.9	72 <sup>nd</sup> - 103.2
1958-94	EGY 25492.2	BRA 19165.8	THA 16827.6	INS 16088.4	PER 14350.7	63 <sup>rd</sup> - 2128.0

**"TOP FIVE" RECIPIENTS OF AGENCY ASSISTANCE  
1958 - 1994 (in \$1000)**

**TECHNICAL ASSISTANCE AND CO-OPERATION FUND**

Year	I	II	III	IV	V	COTE D'IVOIRE
1958-84	EGY 4652.4	HUN 3458.4	PAK 3272.4	THA 2825.4	CUB 2761.7	61 <sup>st</sup> - 570.5
1985	BGD 991.8	VIE 745.0	THA 708.7	BRA 571.8	POR 538.7	52 <sup>nd</sup> - 119.7
1986	BRA 1381.8	THA 871.9	POL 833.5	BGD 823.9	SYR 751.8	47 <sup>th</sup> - 151.3
1987	HUN 3305.2	DRK 986.8	BUL 888.5	INS 885.8	EGY 878.9	45 <sup>th</sup> - 222.2
1988	BUL 1195.6	PER 856.5	EGY 768.6	INS 751.7	MAL 656.0	52 <sup>nd</sup> - 124.2
1989	EGY 990.9	CPR 868.2	POR 769.6	CHI 756.9	MAL 619.4	64 <sup>th</sup> - 91.4
1990	POL 1562.3	VIE 1518.8	DRK 1156.2	IRA 958.0	YUG 933.4	55 <sup>th</sup> - 165.8
1991	BUL 893.1	PAK 868.8	INS 855.1	VIE 817.6	CPR 814.5	68 <sup>th</sup> - 83.6
1992	EGY 1255.7	CPR 1009.0	VIE 872.8	INS 826.6	IRA 795.5	64 <sup>th</sup> - 120.8
1993	INS 1040.5	CPR 896.5	PAK 847.6	IRA 807.4	THA 721.5	63 <sup>rd</sup> - 151.9
1994	URT 1392.9	IRA 1260.8	ARG 1206.5	CPR 1022.8	PAK 933.0	70 <sup>th</sup> - 103.2
1958-94	EGY 17209.1	PAK 9896.2	INS 9666.8	POL 9602.4	VIE 9566.6	62 <sup>nd</sup> - 1904.6

ASSISTANCE PROVIDED BY THE AGENCY TO COTE D'IVOIRE

Financial Summary 1985 - 1994  
(In thousands of dollars)

Year	ASSISTANCE PROVIDED, BY TYPE						ASSISTANCE PROVIDED, BY SOURCE					
	Experts	Equipment	Fellowships	Group training	Sub-contracts	Total	UNDP	TACF CC	TACF NCC	Extra-budgetary	In-kind	Total
1985	57.9	58.5	10.1	-	-	126.5	-	119.7	-	-	6.8	126.5
1986	35.6	109.2	26.5	-	-	171.3	-	146.3	5.0	-	20.0	171.3
1987	83.5	94.4	48.1	-	-	226.0	-	219.4	2.8	3.8	-	226.0
1988	42.5	64.2	40.6	-	-	147.3	-	107.2	17.0	23.1	-	147.3
1989	25.7	75.7	16.2	-	-	117.6	-	86.6	4.8	22.8	3.4	117.6
1990	68.7	92.5	29.0	-	-	190.2	-	165.8	-	24.4	-	190.2
1991	25.2	48.1	26.8	-	-	100.1	-	83.6	-	16.5	-	100.1
1992	28.0	77.8	15.0	-	-	120.8	-	120.8	-	-	-	120.8
1993	19.8	108.9	23.2	-	-	151.9	-	151.9	-	-	-	151.9
1994	23.9	58.0	21.3	-	-	103.2	-	103.2	-	-	-	103.2
1985-94	410.8	787.3	256.8	-	-	1 454.9	-	1 304.5	29.6	90.6	30.2	1 454.9

TECHNICAL CO-OPERATION PROJECTS IN COTE D'IVOIRE  
BY SECTOR

PROJECTS COMPLETED AND OPERATIONAL 1985 - 1995

TOTAL PROJECT ALLOTMENTS AND DISBURSEMENTS  
(As of mid-November 1995)

SECTOR	NO. OF PROJECTS	ALLOTMENTS \$	% OF TOTAL	DISBURSEMENTS \$	% OF TOTAL
General atomic energy development	1	471 479	23.9	455 225	25.9
Nuclear physics and chemistry	-	-	-	-	-
Nuclear raw materials	-	-	-	-	-
Nuclear engineering and technology	-	-	-	-	-
Nuclear techniques in agriculture	12	1 190 484	60.4	1 036 439	59.0
Nuclear medicine	1	114 960	5.9	65 320	3.7
Nuclear techniques in biology	-	-	-	-	-
Nuclear techniques in industry and hydrology	-	-	-	-	-
Nuclear safety	1	193 483	9.8	199 581	11.4
TOTAL	15	1 970 406	100.0	1 756 565	100.0



TECHNICAL CO-OPERATION PROJECTS IN COTE D'IVOIRE  
 COMPLETED AND OPERATIONAL, BY SECTOR, 1985 - 1995  
 (As of mid-November 1995)

Sector	No. of projects	Total project allotments \$	Total project disbursements \$
<u>Completed projects</u>			
General atomic energy development	1	471 479	455 225
Nuclear physics and chemistry	-	-	-
Nuclear raw materials	-	-	-
Nuclear engineering and technology	-	-	-
Nuclear techniques in agriculture	8	612 129	603 495
Nuclear medicine	-	-	-
Nuclear techniques in biology	-	-	-
Nuclear techniques in industry & hydrology	-	-	-
Nuclear safety	-	-	-
TOTAL	9	1 083 608	1 058 720
<u>Operational projects</u>			
General atomic energy development	-	-	-
Nuclear physics and chemistry	-	-	-
Nuclear raw materials	-	-	-
Nuclear engineering and technology	-	-	-
Nuclear techniques in agriculture	4	578 355	432 944
Nuclear medicine	1	114 960	65 320
Nuclear techniques in biology	-	-	-
Nuclear techniques in industry & hydrology	-	-	-
Nuclear safety	1	193 483	199 581
TOTAL	6	886 798	697 845

**EXPERT SERVICES, EQUIPMENT AND PROJECT-FUNDED TRAINING PROVIDED TO COTE D'IVOIRE, BY SECTOR  
PROJECTS COMPLETED AND OPERATIONAL 1985 - 1995  
(As of mid-November 1995)**

FIELD	TOTAL PROJECT ALLOTMENTS				TOTAL PROJECT DISBURSEMENTS			
	EXPERT SERVICES		EQUIPMENT	TRAINING	EXPERT SERVICES		EQUIPMENT	TRAINING
	M/M	\$	\$	\$	M/M	\$	\$	\$
General atomic energy development	16/17	109 770	357 219	4 490	16/17	93 019	357 716	4 490
Nuclear physics and chemistry	-	-	-	-	-	-	-	-
Nuclear raw materials	-	-	-	-	-	-	-	-
Nuclear engineering and technology	-	-	-	-	-	-	-	-
Nuclear techniques in agriculture	43/29	365 042	736 548	88 894	37/22	365 064	614 780	56 595
Nuclear medicine	2/00	22 200	81 000	11 760	1/29	13 473	40 087	11 760
Nuclear techniques in biology	-	-	-	-	-	-	-	-
Nuclear techniques in industry & hydrology	-	-	-	-	-	-	-	-
Nuclear safety	2/14	22 210	144 731	26 542	2/14	28 909	144 130	26 542
<b>TOTAL</b>	<b>65/00</b>	<b>519 222</b>	<b>1 319 498</b>	<b>131 686</b>	<b>58/22</b>	<b>500 465</b>	<b>1 156 713</b>	<b>99 387</b>

AGENCY FELLOWS FROM COTE D'IVOIRE

1985 - 1995 <sup>1/</sup>  
 (As of mid-November 1995)

Sector	No. of fellowships	No. of months/days	Host countries
General atomic energy development	1	0/14	IAEA (starting 26 Nov.)
Nuclear physics	2	2/14	FRA
Nuclear chemistry	3	7/00	GHA, KEN, IAEA
Nuclear raw materials	-	-	-
Nuclear engineering and technology	2	5/26	FRA
Nuclear techniques in agriculture	17	58/24	CAN, FRA, GER, HUN, NET, UK, IAEA
Nuclear medicine	2	18/01	BEL, FRA
Nuclear techniques in biology	-	-	-
Nuclear techniques in industry and hydrology	2	24/00	FRA
Nuclear safety	7	7/20	FRA
TOTAL	36	124/09	

<sup>1/</sup> Awarded since 1985, but only includes fellows who have completed or at least started training.

COTE D'IVOIRE  
 LONG-TERM FELLOWSHIPS  
 1985 - 1995  
 (As of mid-November 1995)

Name	Field of study	Host country	Date	Duration	Project
ANOMA	Nuclear medicine 6B	BEL	Sep.85 - Sep.86	12/00	-
AKADIE	Isotope hydrology 8N	FRA	May 87 - May 88	12/00	-
YAPI	Isotope hydrology 8N	FRA	Oct.86 - Sep.87	12/00	-

IVORIAN NATIONALS WHO WERE AWARDED MORE THAN ONE  
FELLOWSHIP OR SCIENTIFIC VISIT  
1985 - 1995  
(As of mid-November 1995)

Name	Field of study	Host country	Date	Duration	Project	
GOA	1. Food irradiation	5H	NET	Oct.85 - Nov.85	1/02	-
	2. Food irradiation	5H	NET	Sep.87 - Mar.88	6/00	IVC/5/017
KODIA	1. Analytical chemistry	2C	KEN	Oct.86 - Dec.86	2/00	IVC/0/003
	2. Food irradiation	5H	CAN	Sep.88 - Oct.88	1/12	IVC/5/017
	3. Analytical chemistry	2C	IAEA	Oct.91 - Nov.91	1/00	RAF/0/007
KOUASSI	1. Nuclear spectroscopy	1D	FRA	Aug.85 - Sep.85	1/00	IVC/0/003
	2. Nuclear physics	1D	FRA	Jun.89 - Jul.89	1/13	RAF/0/003
	3. Administration in nuclear fields	0G	IAEA	Nov.95 - Dec.95	0/14	RAF/0/011
ZAKRA	1. Soil science	5B	FRA	Jun.88 - Oct.88	4/21	IVC/5/018
	2. Soil science, irrigation and plant nutrition	5B	FRA	Jan.93 - Apr.93	3/00	RAF/0/007
	3. Soil science, irrigation and plant nutrition	5B	FRA	Started: Sep.95	4/00	RAF/0/011

AGENCY TRAINING COURSES WITH IVORIAN PARTICIPATION

1985 - 1995  
(As of mid-November 1995)

Field	Number of participants	Number of courses
General atomic energy development	1	1
Nuclear physics	1	1
Nuclear chemistry	2	2
Nuclear raw materials	-	-
Nuclear engineering and technology	1	1
Nuclear techniques in agriculture	23	21
Nuclear medicine	3	3
Nuclear techniques in biology	-	-
Nuclear techniques in industry & hydrology	-	-
Nuclear safety	8	7
TOTAL	39	36

**MULTIPLE PARTICIPATION IN AGENCY TRAINING COURSES  
BY IVORIAN NATIONALS  
1985 - 1995  
(As of mid-November 1995)**

Name	Course No.	Course title	Year	Location
COULIBALY	INT/9/098 (001)	ITC on safety and regulation of unsealed sources of radioactive material	1989	IRE
	RAF/9/005 (003)	RTC for radiation protection officers	1990	TUN
KODIA	INT/9/100 (001)	ITC on radioactivity measurements for environmental monitoring purposes	1989	FRA
	INT/9/129 (001)	ITC on planning, organization and implementation of radiation protection on a national level	1992	USA
	RAF/0/006 (001)	RTC on design, management and evaluation techniques of IAEA TC projects	1991	GHA
	RAF/8/015 (001)	RWS on X-ray fluorescence laboratory network in Africa	1992	KEN
	RAF/9/005 (003)	RTC for radiation protection officers	1990	TUN
	RAF/9/005 (006) RAF/9/005 (011)	RWS on trouble shooting and maintenance of Vinten TLD equipment RWS on regional co-operation in radiation protection	1991 1994	AUS MAG
KONE	RAF/5/028 (001)	RWS on diagnostic methods in trypanosomiasis	1994	KEN
	RAF/5/028 (002)	IAEA/FAO regional epidemiology workshop on the monitoring of trypanosomiasis and tsetse control programme	1995	ETH
KOUASSI	INT/2/008 (001)	ITC on nuclear analytical techniques applied to environmental pollution studies and monitoring	1993	AUS/GER
	RAF/2/002 (001)	RTC on radiochemistry and nuclear analytical techniques	1985	KEN
OKA	RAF/1/003 (001)	RTC on advanced X-ray fluorescence analysis	1987	GHA
	RAF/4/004 (002)	RTC on the operation, maintenance and repair of liquid nitrogen plants	1993	URT
TOKPA	INT/5/116 (001)	ITC on the induction and use of mutations in plant breeding	1989	AUS
	RAF/5/015 (001)	RTC on the use of mutations in plant breeding	1990	GHA

**PROJECTS COMPLETED IN COTE D'IVOIRE SINCE 1985**  
(As of mid-November 1995)

STARTED	PROJECT NO.	TITLE	ALLOTMENTS				DISBURSEMENTS				COMPLETED
			EXPERTS		EQUIPMENT	TRAINING	EXPERTS		EQUIPMENT	TRAINING	
			M/M	\$	\$	\$	M/M	\$	\$	\$	
1982	IVC/0/003	Nuclear science laboratory	16/17	109 770	357 219	4 490	16/17	93 019	357 716	4 490	1993
1982	IVC/5/011	Nuclear techniques in agriculture	3/00	20 700	25 000	-	0/04	634	10 202	-	1985
1983	IVC/5/012	Optimization of cultivation methods for upland rice	4/23	33 642	86 840	-	4/23	42 711	86 647	-	1990
1984	IVC/5/013	Physiology of hevea	9/00	60 450	122 000	-	9/01	54 761	123 672	-	1988
1986	IVC/5/014	Soil fertility studies	1/00	6 900	-	-	0/12	4 676	-	-	1987
1986	IVC/5/015	Nuclear methods in nutritional analysis	3/09	25 940	77 727	16 959	3/09	31 957	78 497	16 959	1992
1986	IVC/5/016	Radioimmunoassay in animal pathology	6/23	49 385	45 321	-	6/23	55 491	45 120	-	1993
1986	IVC/5/017	Food preservation	2/19	20 050	-	16 985	2/19	28 358	-	16 985	1992
1987	IVC/5/019	Nitrogen and carbon uptake of pineapples	0/18	4 230	-	-	0/18	6 825	-	-	1990
	TOTAL	9 Projects	47/19	331 067	714 107	38 434	44/06	318 432	701 854	38 434	



OPERATIONAL PROJECTS IN COTE DE'IVOIRE  
(As of mid-November 1995)

STARTED	PROJECT NO.	TITLE	ALLOTMENTS				DISBURSEMENTS			
			EXPERTS		EQUIPMENT	TRAINING	EXPERTS		EQUIPMENT	TRAINING
			M/M	\$	\$	\$	M/M	\$	\$	\$
1987	IVC/5/018	Fuel-wood production	5/21	62 160	113 370	-	5/21	75 722	112 951	-
1993	IVC/5/020	Animal science	2/19	28 665	54 660	21 950	2/19	31 541	55 516	22 651
1993	IVC/5/021	Radioimmunoassay in animal pathology (phase II)	1/17	17 520	86 630	-	0/23	22 098	73 620	-
1995	IVC/5/022	Isotopes in optimizing mineral/water inputs in agriculture	3/00	35 400	125 000	33 000	1/00	10 290	28 555	-
1993	IVC/6/002	Establishment of radio-immunoassay laboratory	2/00	22 200	81 000	11 760	1/29	13 473	40 087	11 760
1989	IVC/9/002	Establishment of a radiation protection service	2/14	22 210	144 731	26 542	2/14	28 909	144 130	26 542
	TOTAL	6 Projects	17/11	188 155	605 391	93 252	14/16	182 033	454 859	60 953

**COUNTERPART INSTITUTIONS IN COTE D'IVOIRE (I)**  
(By Project)

<u>Project No.</u>	<u>Institute</u>	<u>Counterpart(s)</u>
<u>GENERAL ATOMIC ENERGY DEVELOPMENT</u>		
IVC/0/003	Côte d'Ivoire National University, Research Institute for New Energy Sources, Abidjan	KOUASSI KODIA
<u>AGRICULTURE</u>		
IVC/5/011	Institute for Research on Citrus and Other Fruits, Abidjan	PINON
IVC/5/012	Savannah Institute (IDESSA), Department of Agronomy, Bouake	CHOPART
IVC/5/013	Institute of Rubber Research, Abidjan	ESCHBACH
IVC/5/014	Marc Delorme Coconut Research Station, Abidjan	POMIER
IVC/5/015	Central Laboratory for Animal Nutrition, Abidjan	COULIBALY
IVC/5/016	Ministry of Animal Production, Laboratory of Animal Pathology, Bingerville	ANGBA
IVC/5/017	Ministries of Agriculture and Scientific Research, Côte d'Ivoire Institute of Tropical Technology, Abidjan	COFFI
IVC/5/018	Marc Delorme Coconut Research Station, Abidjan	ZAKRA
IVC/5/019	Institute for Research on Citrus and Other Fruits, Abidjan	MEYER
IVC/5/020	1. Savannah Institute (IDESSA), Department of Cattle Breeding, Bouake 2. Central Laboratory for Animal Nutrition, Abidjan	KOUAO  COULIBALY

**COUNTERPART INSTITUTIONS IN COTE D'IVOIRE (I)**  
(By Project)

<u>Project No.</u>	<u>Institute</u>	<u>Counterpart(s)</u>
<u>AGRICULTURE</u> (cont'd)		
IVC/5/021	Ministry of Animal Production, Laboratory of Animal Pathology, Bingerville	COUACY-HYMANN
IVC/5/022	Institute of Forestry, Department of Coffee and Cocoa Research, Abidjan	ZAKRA KOFFI
<u>NUCLEAR MEDICINE</u>		
IVC/6/002	Côte d'Ivoire National University, Faculty of Sciences and Techniques, Department of Biophysics, Abidjan	DJEDJE
<u>NUCLEAR SAFETY</u>		
IVC/9/002	1. Ministry of Public Health and Population, National Laboratory, Abidjan 2. Côte d'Ivoire National University, Research Institute for New Energy Sources, Abidjan	LOUKOU YAO  KODIA

**COUNTERPART INSTITUTIONS IN COTE D'IVOIRE (II)**

(By Institute)

**ABIDJAN**

**Côte d'Ivoire National University  
Research Institute for New Energy Sources  
Abidjan**

IVC/0/003      Nuclear Science Laboratory  
IVC/9/002      Establishment of a Radiation Protection Service

**Côte d'Ivoire National University  
Faculty of Sciences and Techniques  
Department of Biophysics  
Abidjan**

IVC/6/002      Establishment of Radioimmunoassay Laboratory

**Institute for Research on Citrus and Other Fruits  
Abidjan**

IVC/5/011      Nuclear Techniques in Agriculture  
IVC/5/019      Nitrogen and Carbon Uptake of Pineapples

**Institute of Rubber Research  
Abidjan**

IVC/5/013      Physiology of Hevea

**Marc Delorme Coconut Research Station  
Abidjan**

IVC/5/014      Soil Fertility Studies  
IVC/5/018      Fuel Wood Production

**Central Laboratory for Animal Nutrition  
Abidjan**

IVC/5/015      Nuclear Methods in Nutritional Analysis  
IVC/5/020      Animal Science

**COUNTERPART INSTITUTIONS IN COTE D'IVOIRE (II)**  
(By Institute)

**ABIDJAN**

**Ministries of Agriculture and Scientific Research  
Côte d'Ivoire Institute of Tropical Technology  
Abidjan**

IVC/5/017      Food Preservation

**Institute of Forestry  
Department of Coffee and Cocoa Research  
Abidjan**

IVC/5/022      Isotopes in Optimizing Mineral/Water Inputs in Agriculture

**Ministry of Public Health and Population  
National Laboratory  
Abidjan**

IVC/9/002      Establishment of a Radiation Protection Service

**BOUAKE**

**Savannah Institute (IDESSA)  
Department of Agronomy  
Bouake**

IVC/5/012      Optimization of Cultivation Methods for Upland Rice

**Savannah Institute (IDESSA)  
Department of Cattle Breeding  
Bouake**

IVC/5/020      Animal Science

**COUNTERPART INSTITUTIONS IN COTE D'IVOIRE (II)**  
(By Institute)

**BINGERVILLE**

**Ministry of Animal Production**  
**Laboratory of Animal Pathology**  
**Bingerville**

IVC/5/016	Radioimmunoassay in Animal Pathology
IVC/5/021	Radioimmunoassay in Animal Pathology (Phase II)

**THE AGENCY'S TECHNICAL CO-OPERATION PROGRAMME WITH  
COTE D'IVOIRE  
(1985 - 1995)**

**LONG-TERM EXPERT ASSIGNMENTS**

NONE

**RESEARCH CONTRACTS/AGREEMENTS IN COTE D'IVOIRE SINCE 1985 <sup>1/</sup>**  
**(As of mid-November 1995)**

Field of activity	No. of contracts/ agreements	Amount allocated \$
Nuclear techniques in agriculture	4	56 000
TOTAL	4	56 000

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<sup>1/</sup> New awards since 1985.



**SCIENTISTS FROM COTE D'IVOIRE SERVING AS AGENCY  
TECHNICAL CO-OPERATION EXPERTS AND  
TRAINING COURSE LECTURERS  
OR  
PARTICIPATING IN CO-ORDINATION MEETINGS  
1985 - 1995  
(As of mid-November 1995)**

Name	No. of assignments	Project(s)
ABIFARIN	1	INT/0/048
COUACY-HYMANN	8	GHA/5/018, MAG/5/006, RAF/5/006, RAF/5/024, RAF/5/031, SUD/5/020, ZAI/5/011
TOTAL	9	

**AGENCY FELLOWSHIPS AND SCIENTIFIC VISITS  
HOSTED BY COTE D'IVOIRE  
1985 - 1995  
(As of mid-November 1995)**

Recipient country	No. of fellowships	No. of scientific visits	TOTAL <sup>1</sup>
CAMEROON	1	-	1
MALI	1	-	1
NIGER	1	-	1
SENEGAL	1	-	1
TOTAL	4	-	4

1./ Includes trainees who have completed or at least started their studies.

**REGIONAL AND INTERREGIONAL GROUP TRAINING EVENTS  
HOSTED BY COTE D'IVOIRE  
1985 - 1995  
(As of mid-November 1995)**

Course No.	Course Title	Partici- pants	Year
RAF/5/019 (001)	RTC on the Use of Immunoassay Techniques in the Diagnosis of Animal Diseases	17	1990
	TOTAL	17	