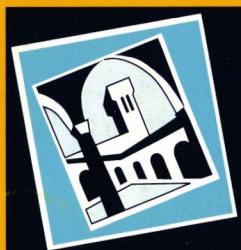


EUI Working Paper HEC No. 96/1

The Development of the
Italian Highway Network
1924-1993
A Computerized Atlas

ALBERT CARRERAS
and
ELENA CEFIS

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DEPARTMENT OF HISTORY AND CIVILIZATION



EUI Working Paper HEC No. 96/1

**The Development of the Italian Highway Network, 1924-1993
A Computerized Atlas**

**ALBERT CARRERAS
and
ELENA CEFIS**

BADIA FIESOLANA, SAN DOMENICO (FI)

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INTRODUCTION¹

For more than three years a research project has been developed at the EUI focusing on the computerized historical mapping of European transports and communications. It developed out of a previous project on "the second technological revolution and the economic growth of Europe: the role of networks". Our interest in the relationship between transport and communication networks and the peculiar European pattern of increasingly fragmented states called for a cartographical support. Looking for a proper one lead us to the conclusion that the best solution was to map the evolution of transport and communication networks. There were some benchmarks, beautifully handmade, but nothing computerized. As we were mainly interested in the effects of frontiers on the building of networks, some calculations and simulations were absolutely necessary. So, we decided to enter into the business of map making. Because of data availability we moved initially to railways. A working paper on the research done along these lines will be circulated more or less jointly with this one.

Looking for the appropriate networks to map we had many candidates, and we spent some time considering the best fitted for mapping. A series of elements inclined ourselves towards motorways. Motorways are a typical network of the second technological revolution. Motorways are manageable as far as the number of relevant stretches is concerned. Motorways have enough available data to think of a viable mapmaking research strategy. Motorways still are a relevant field of investment in contemporary Europe. Last, but not least, motorways highly resent the effect of frontiers.

Although information is being gathered for all the European countries, we acutely felt the need to propose a first instance of the progresses made by the research project. Without waiting for a whole European computerized map of highways, we present here its Italian portion.

The beauty and interest of the project lies in the computerization. Until very recently all the cartography was hand-made. Very recently -indeed, during these last three or four years- there has been a booming interest in computerized mapping. The geographical information systems, developed since the late nineteen eighties, have now become much easier and much cheaper to use than the previous computerized mapping softwares.

Although we present this small atlas in a very traditional way, i.e., on paper, the fact is that all the information is retrieved electronically and it may be used in many different ways.

¹ The research has been funded by the Research Council of the European University Institute (Research Project # 35). We warmly thank the help of Dr. Michael Goerke (EUI, Computing Centre & History Department) in developing our computerized transport and communications mapping project. Thanks are also due to Dr. Andrea Giuntini (Istituto di Storia Economica, U.Firenze) who helped us in locating and gathering the relevant information.

A COMPUTERIZED ATLAS OF ITALIAN HIGHWAY NETWORK, 1924-1993.

The work supplies a digitalized instrument that shows the historical development of the Italian highway network from its origins up to now.

Using the software program ATLAS-Gis, by Strategic Mapping Inc., it is possible to follow the evolution of the Italian highway network year by year from its origins in 1924 to the end of 1993.

The highways are the object of the analysis. They have been defined following the official classification by AISCAT - Associazione Italiana Società' Concessionarie Autostrade e Trasporti (the association that groups all the companies constructing and managing the Italian highways). Moreover, the secondary highways (always according to the AISCAT classification) have been taken into consideration, but only for the last year because, for the moment, we do not know the year when the construction works ended. The European Roads, that is the roads classified with a European number E.., have not been taken into consideration and, therefore, they are present in the work as far as they are coincident with the analyzed objects.

The digitalized instrument consists in a data-set connected to a geographical file that allows the elaboration of the appropriate map for every year.

THE DATA-SET.

The data-set is articulated in 9 fields as follows:

1. ID: identification number. Every section of highway and secondary highway is identified by a unique number that establishes a one to one relationship between the data-set record and the geographical record that corresponds to that particular section.

2. SECTION. In this field the sections of the highway taken into consideration are identified by their starting and end points. They usually coincide with the name of the highway exits corresponding respectively to the starting and end points of the section. Two criteria were used to define a section:

- a) along the same highway, the sections were defined with reference to the different time periods of construction;
- b) where the highway crosses another highway this is designated as a starting or a end point of a section as well.

In the latter case, the starting/end points are indicated by the number of the highway that is being crossed. After the number, in brackets, the name of the nearest exit of the highway is indicated.

3. NAME. The number and the name of the highway.

4. KMLENGTH. The distance in Kilometers between the starting and the end point of the section. The information about the length of the section was taken from:

T.C.I., Atlante Automobilistico Italiano, Milano, 1987, pp.

5. OPENYEAR. In this field the year in which the construction works were terminated appears. If we were not able to find this date in the sources, we have put the year in which the entire lane was opened to traffic. In this case there is a note in the field NOTES.

6. CONCESSION. The name of the company that owns, as of 1994, the concession to manage the highway is indicated.

7. TOLL. In this field, Y indicates that the concession company charges a price for the use of the highway, alternatively, N means that the highway is toll-free.

8. LANES. The total (in both directions) number of the lanes is indicated. When there are two numbers, for example 4/6, it means that the highway in some places has 4 lanes and in some others has 6.

9. NOTES. The field for comments and notes.
(not reproduced here).

SOURCES.

Official source:

AISCAT, Informazioni. From n.1, Anno I, 1955, to n.3-4, Anno XXVIII, 1993.

Other sources:

S.p.A per l'Autostrada Serravalle-Milano-Pontechiasso (a cura di), 1955-1975. Le Autostrade della seconda generazione. Milano, 1980. pp.278-286.

Turing Club Italiano, Atlante per Viaggiare in Italia. Milano, 1992.

Federazione Italiana della Strada, Notizie e Numeri della Strada. Roma, 1956.

Federazione Italiana della Strada, Notizie e Numeri della Strada. Roma, 1966.

Federazione Italiana della Strada, Notizie e Numeri della Strada. Roma, 1970.

Federazione Italiana della Strada, Notizie e Numeri della Strada. Roma, 1972.

MAPS.

We present a series of maps that shows the historical development of the Italian highway network.

The first one is the network at the end of 1993 completed with the secondary highways. The following ones are the same map cut in four parts in which the main cities are indicated so as to facilitate an easier reading of the map. Then there is a map for each year in which a new section was added. No map is presented when there isn't any new addition.

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- Fig.4: Central Italy, 1993.
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- Fig.6: Sicily, 1993.
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- Fig.22: Italian Highway Network, 1963.
- Fig.23: Italian Highway Network, 1964.
- Fig.24: Italian Highway Network, 1965.
- Fig.25: Italian Highway Network, 1966.
- Fig.26: Italian Highway Network, 1967.
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- Fig.42: Italian Highway Network, 1984.
- Fig.43: Italian Highway Network, 1985.
- Fig.44: Italian Highway Network, 1986.
- Fig.45: Italian Highway Network, 1987.
- Fig.46: Italian Highway Network, 1988.
- Fig.47: Italian Highway Network, 1989.
- Fig.48: Italian Highway Network, 1990.
- Fig.49: Italian Highway Network, 1991.
- Fig.50: Italian Highway Network, 1992.
- Fig.51: Italian Highway Network, 1993.

Fig.1: Italian highway network, 1993.

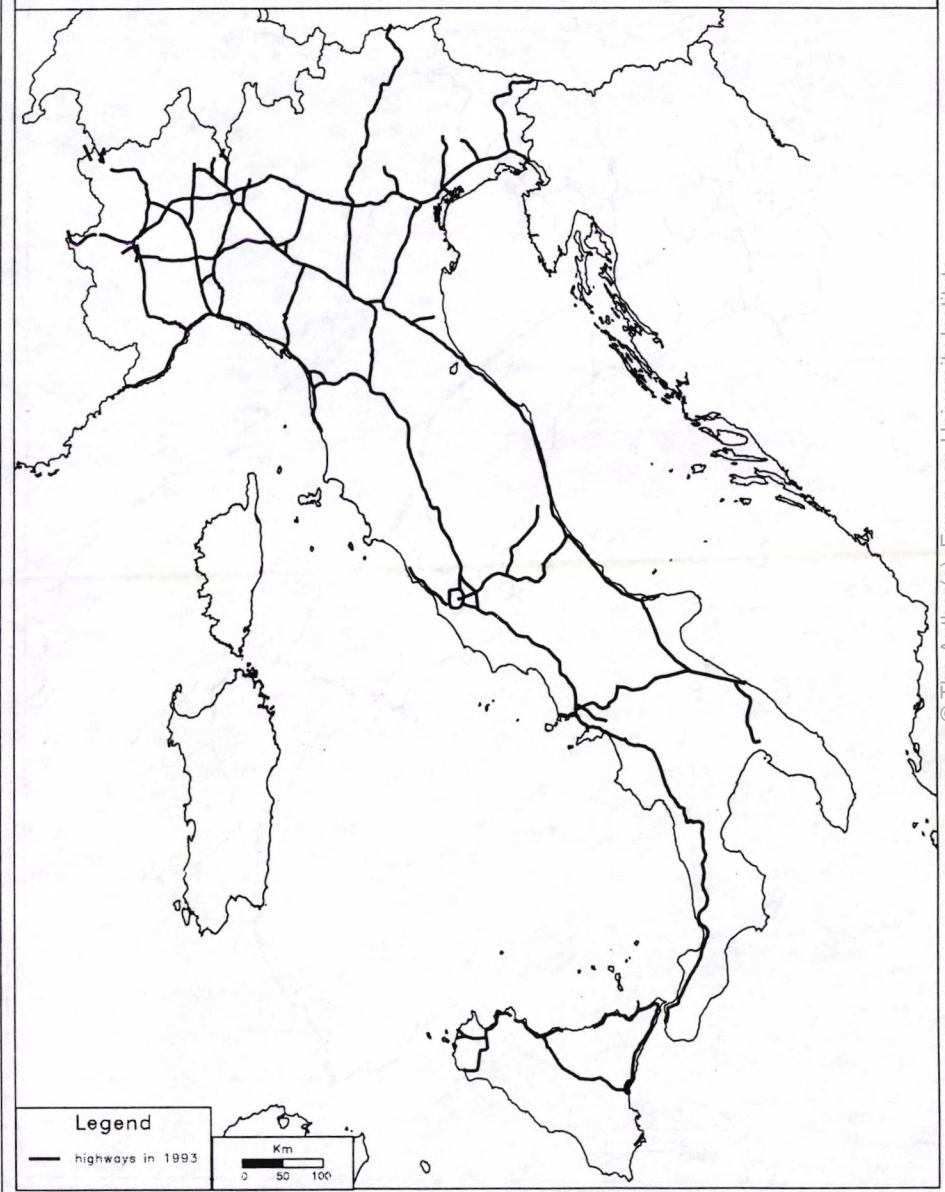


Fig.2: Italian highway network, 1993
including secondary highways

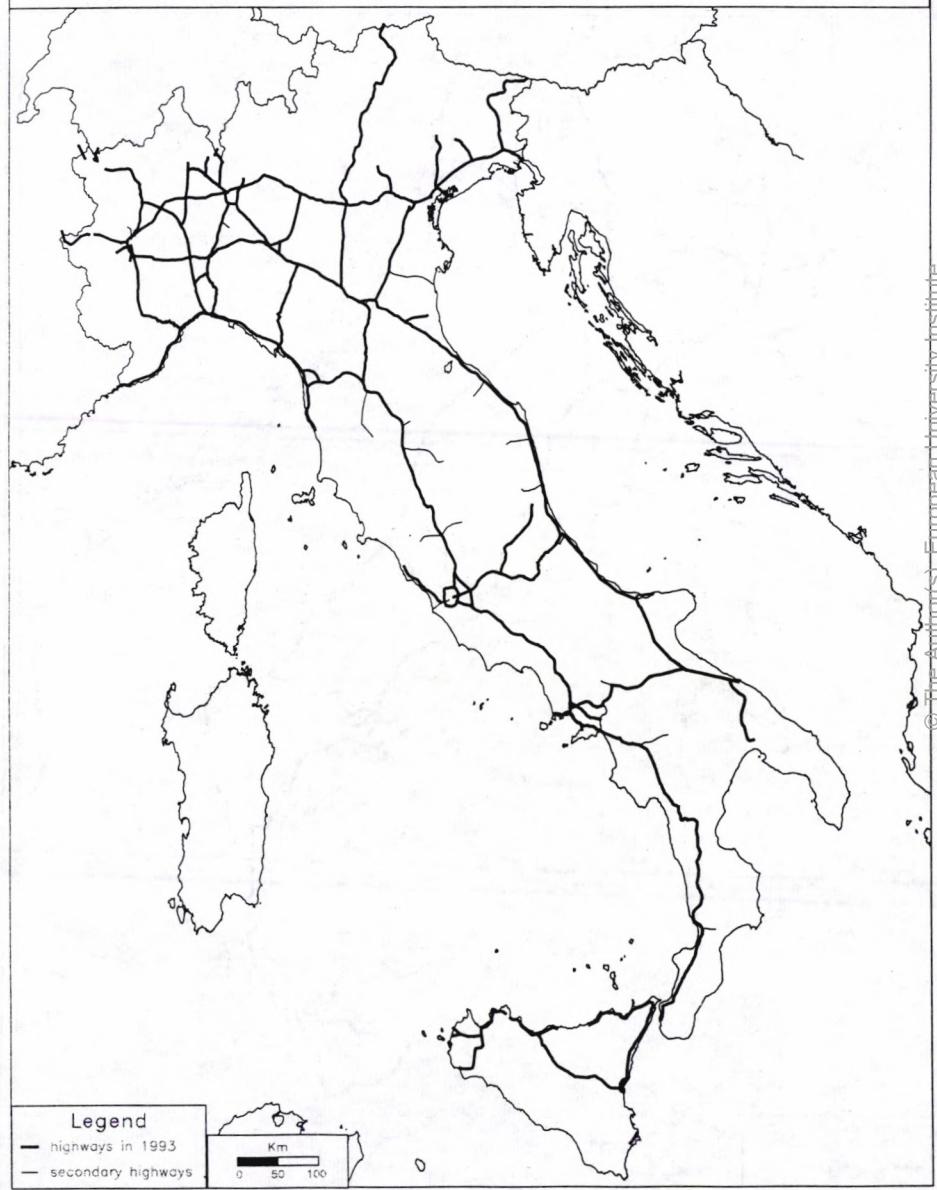


Fig.3: Northern Italy, 1993.

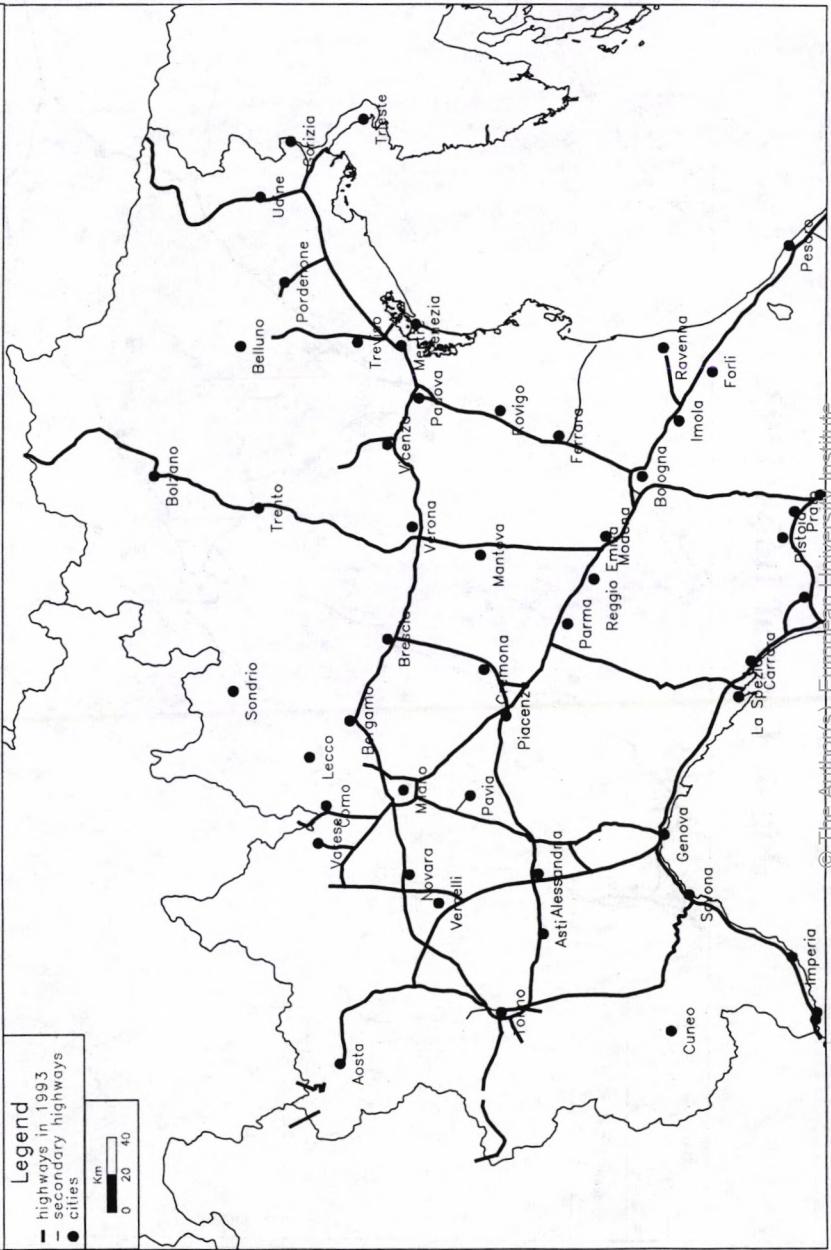


Fig.4: Central Italy, 1993.

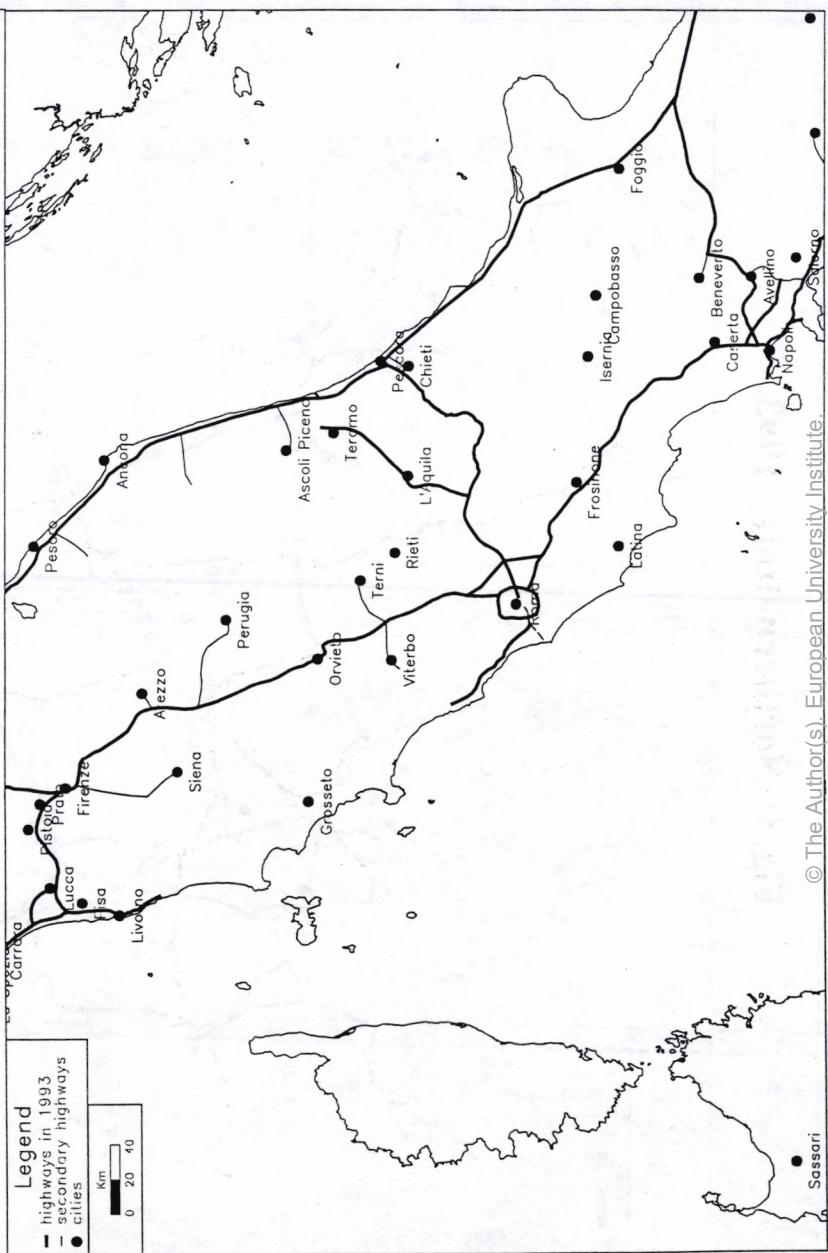


Fig.5: Southern Italy, 1993.

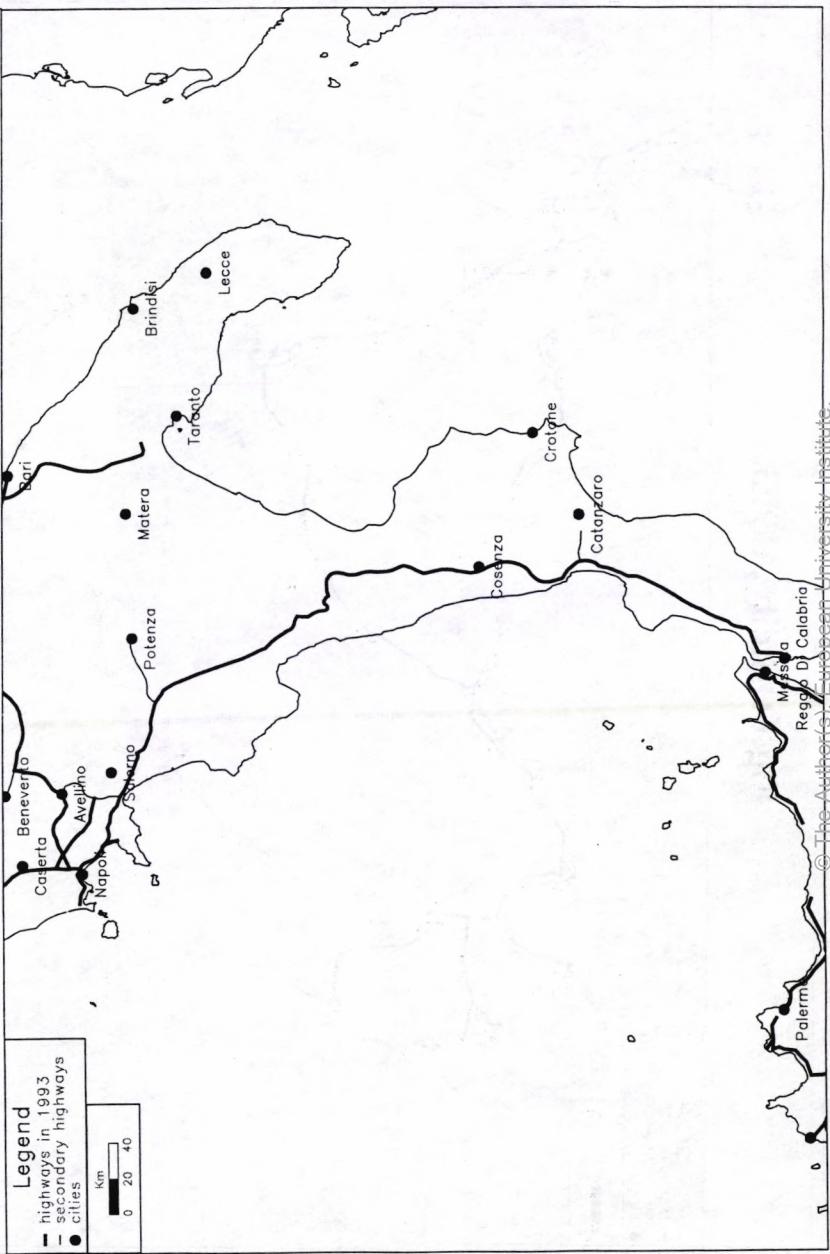


Fig.6: Sicily, 1993.

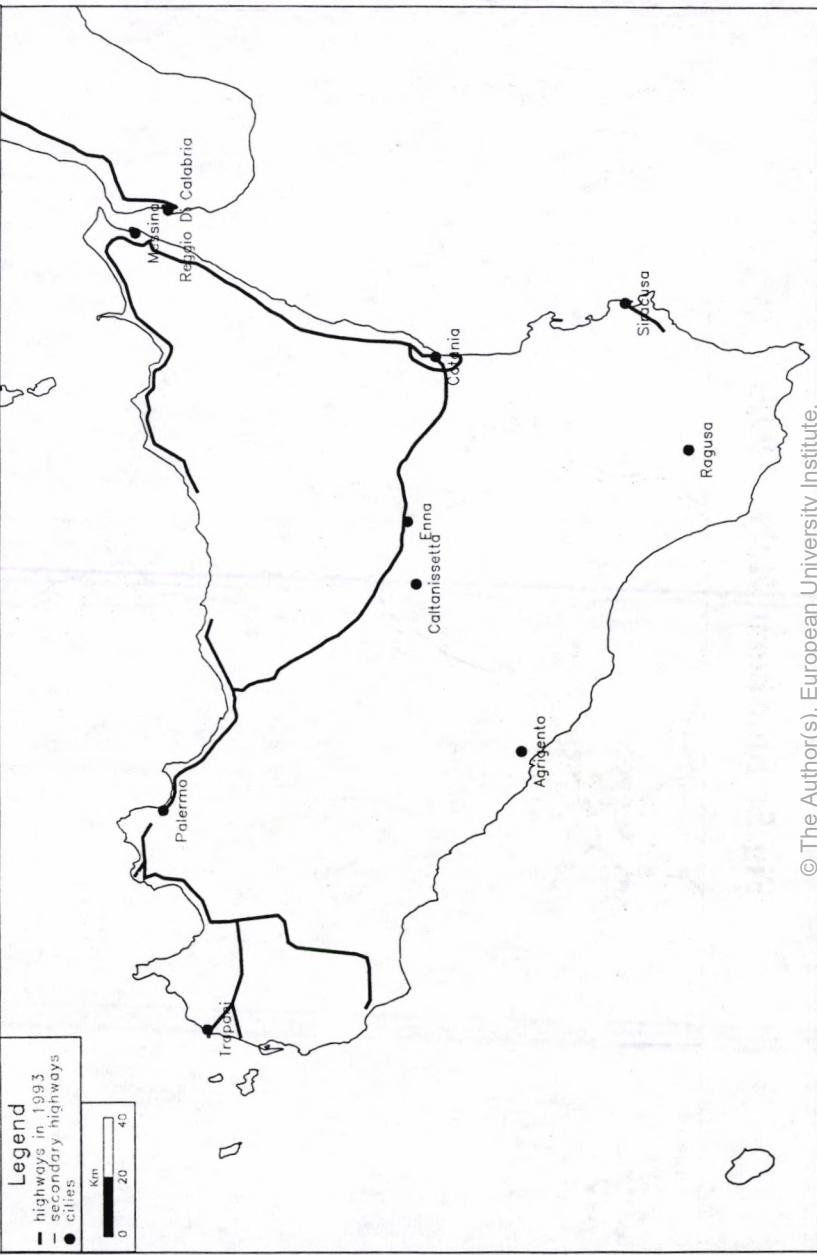


Fig.7: Italian highway network, 1924.

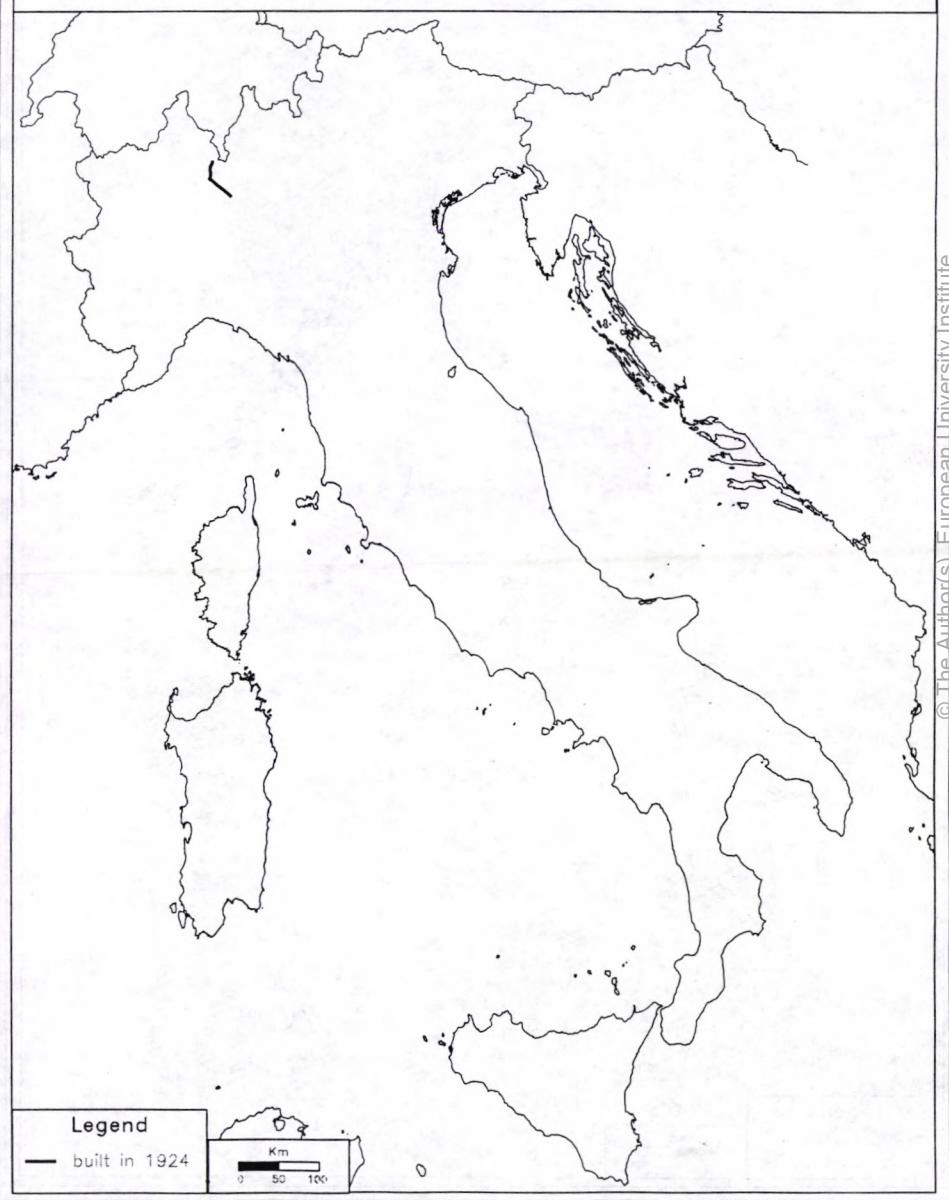


Fig.8: Italian highway network, 1925.

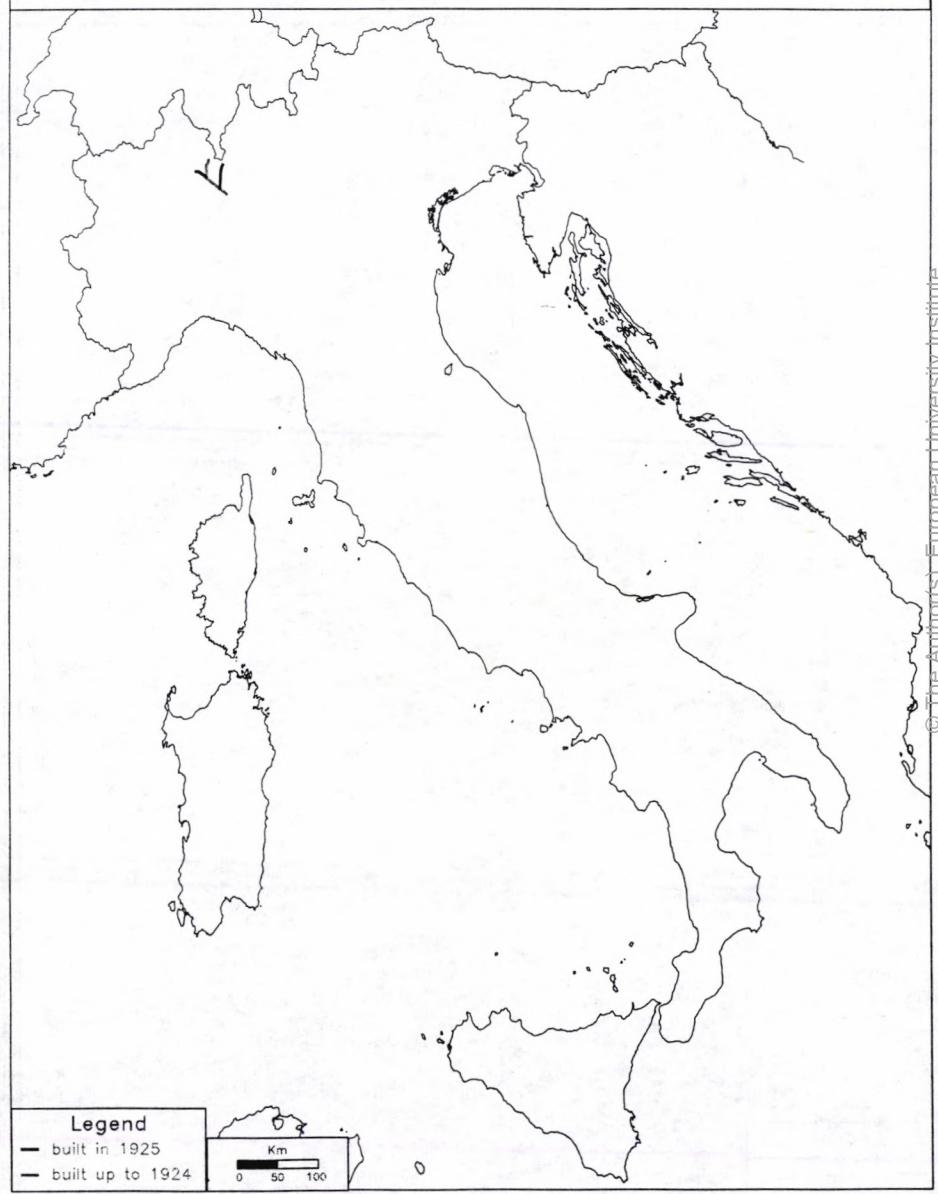


Fig.9: Italian highway network, 1927.

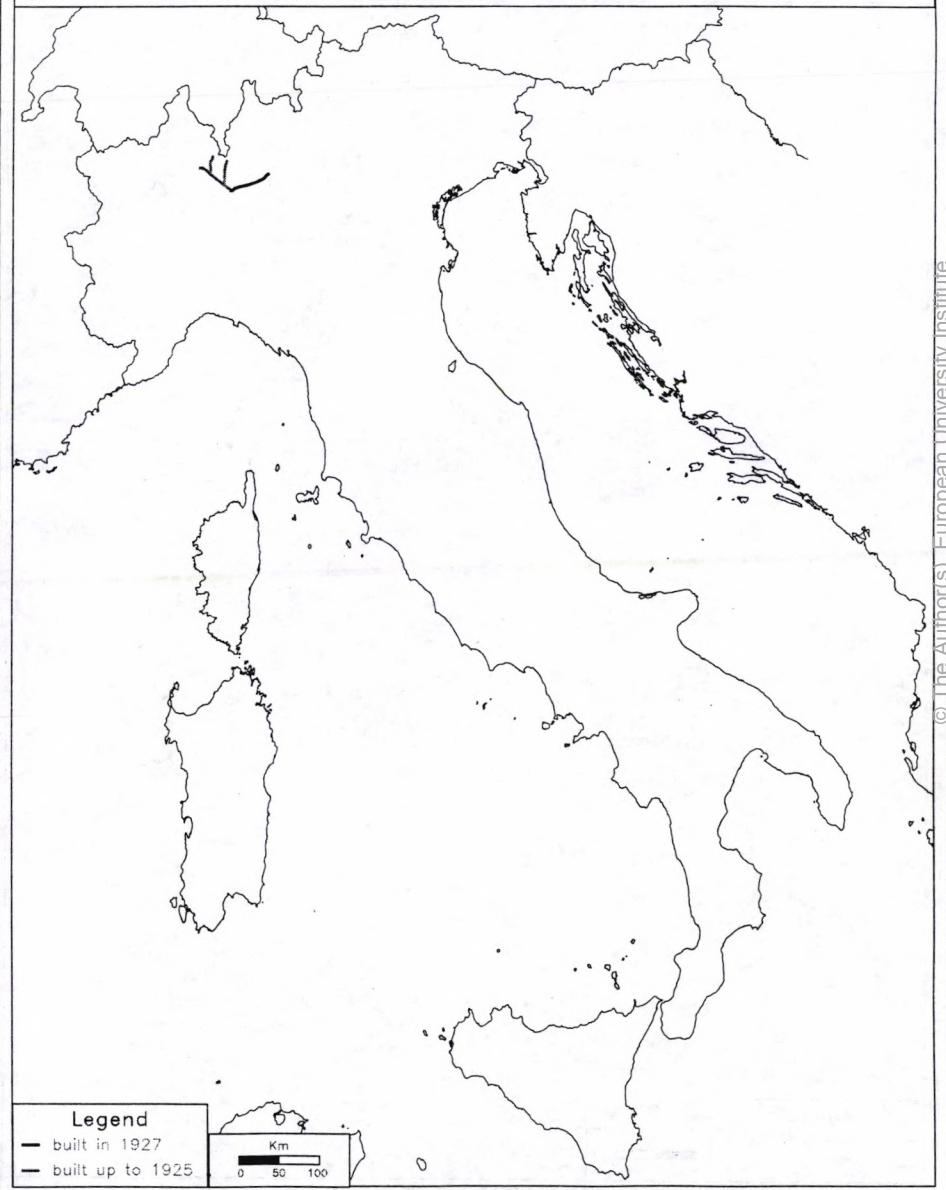


Fig.10: Italian highway network, 1929.

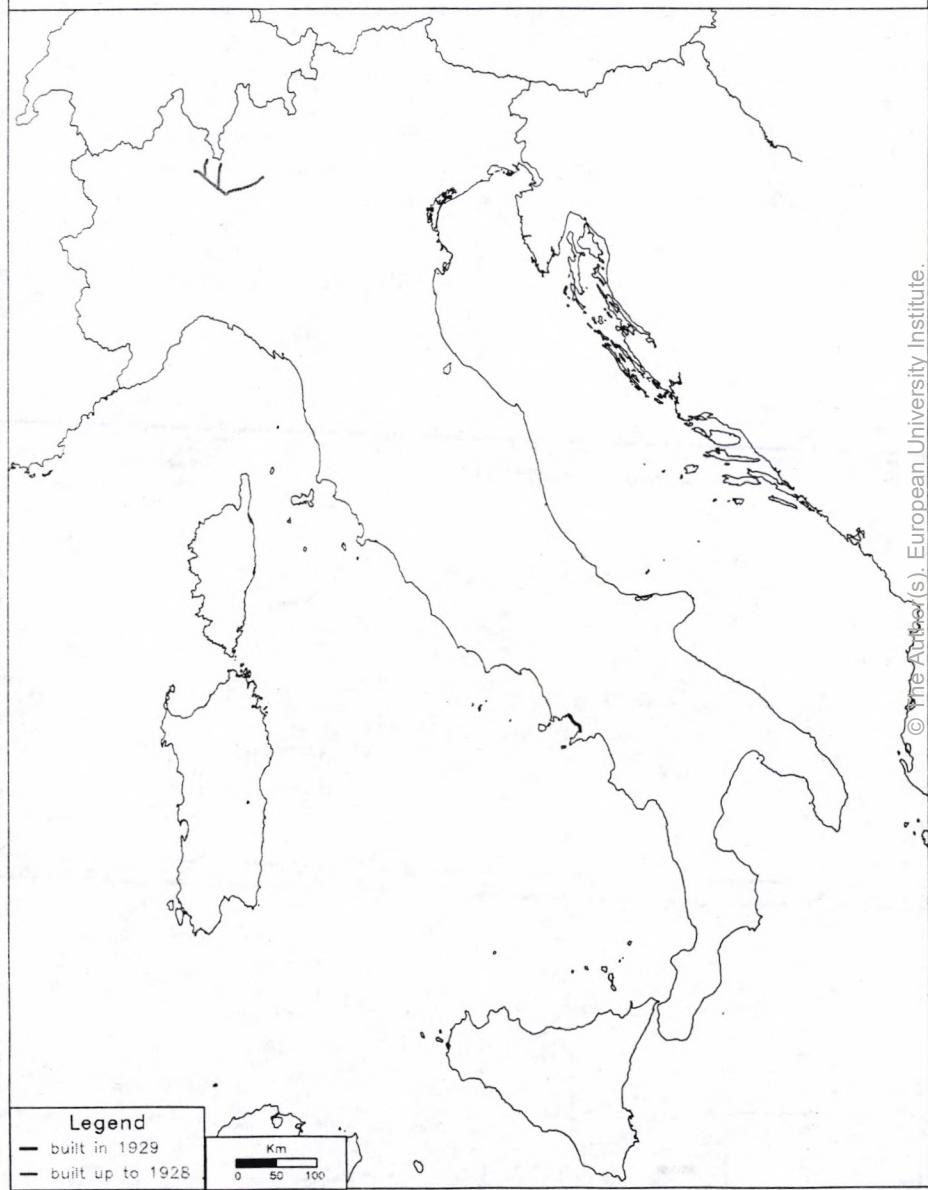


Fig.11: Italian highway network, 1931.

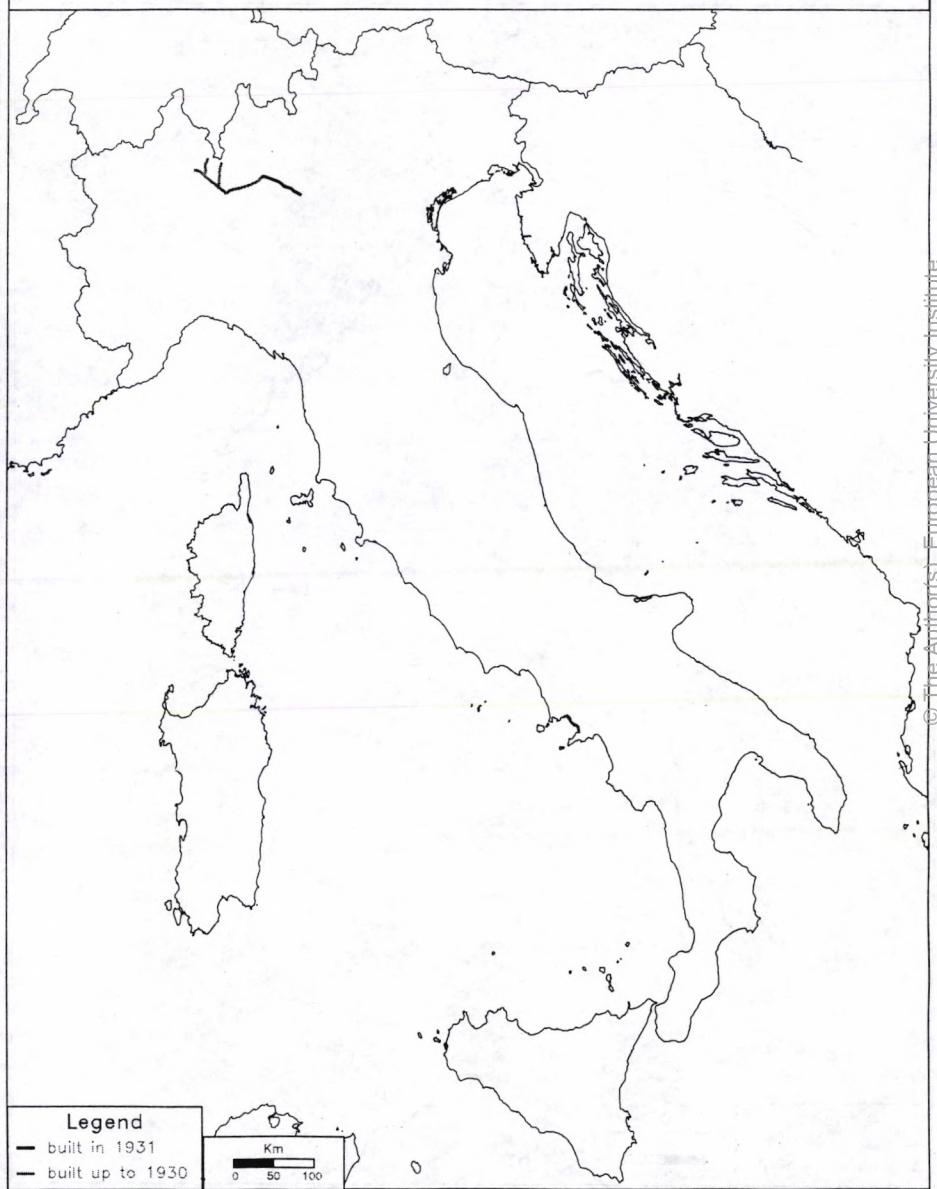


Fig.12: Italian highway network, 1932.

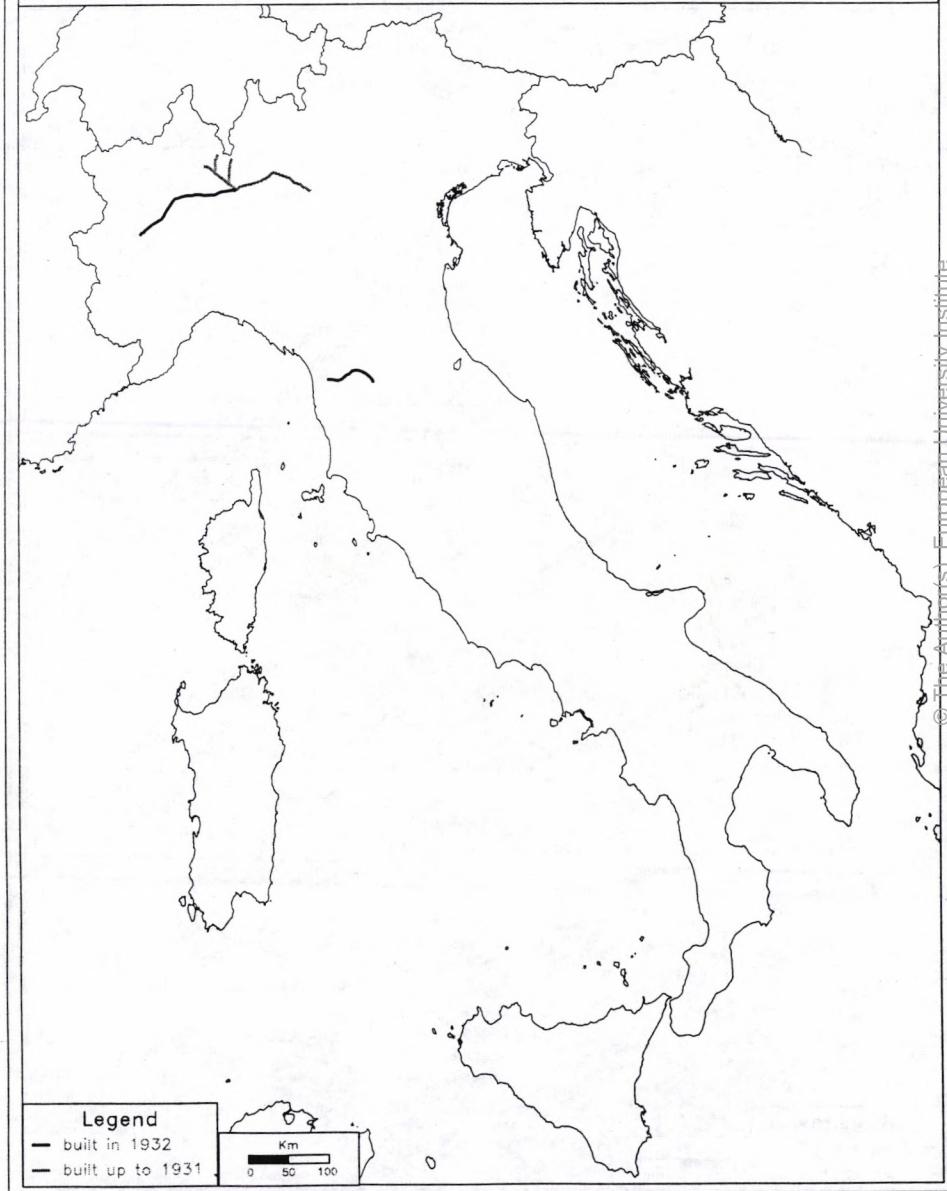


Fig.13: Italian highway network, 1933.

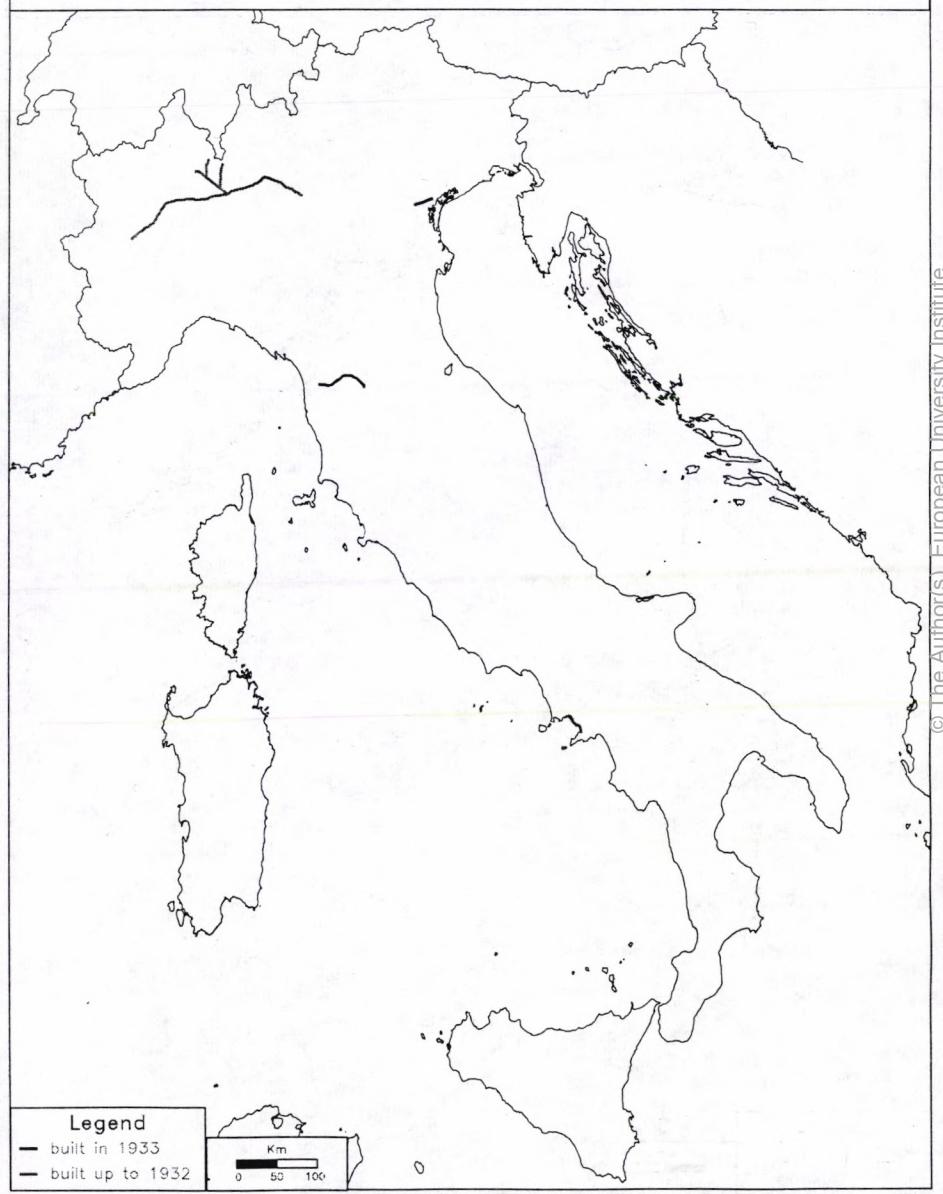


Fig.14: Italian highway network, 1935.

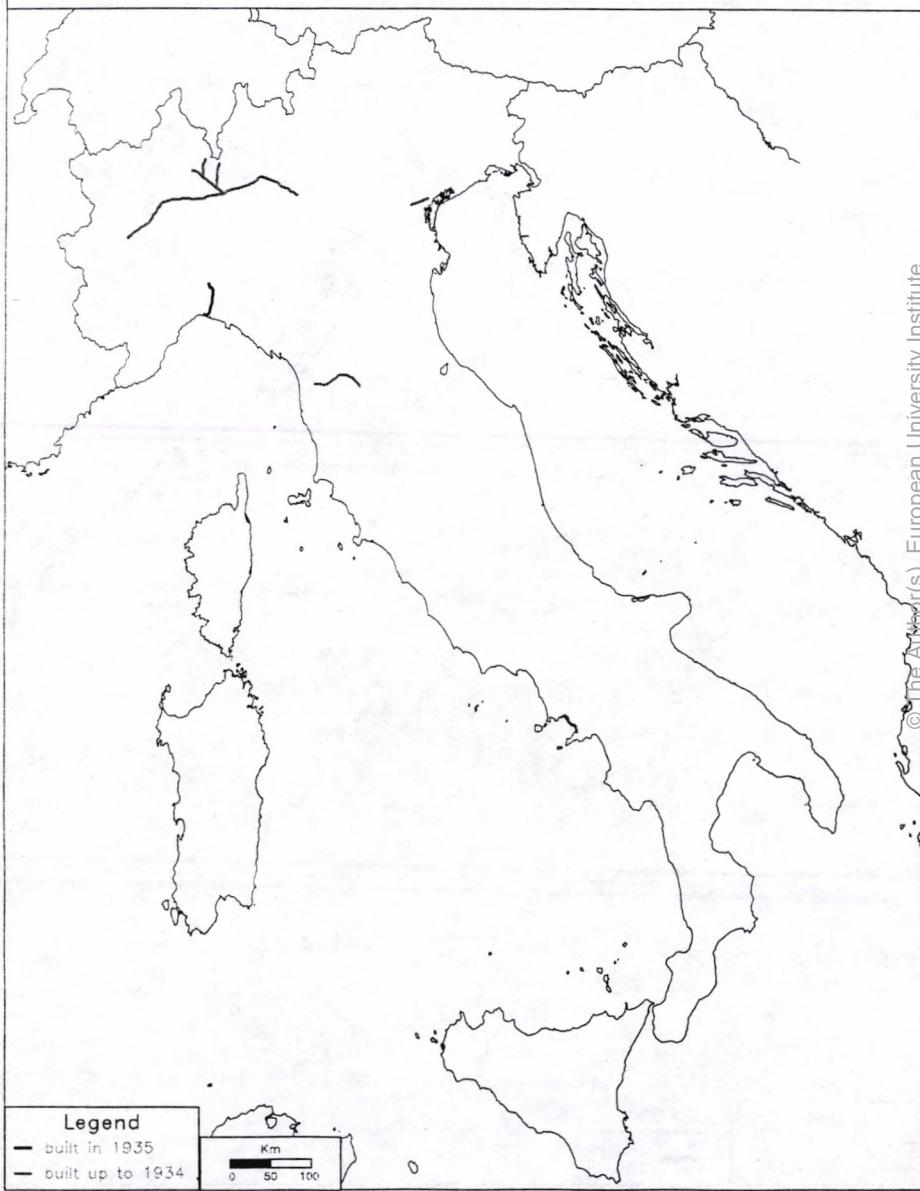


Fig.15: Italian highway network, 1956.

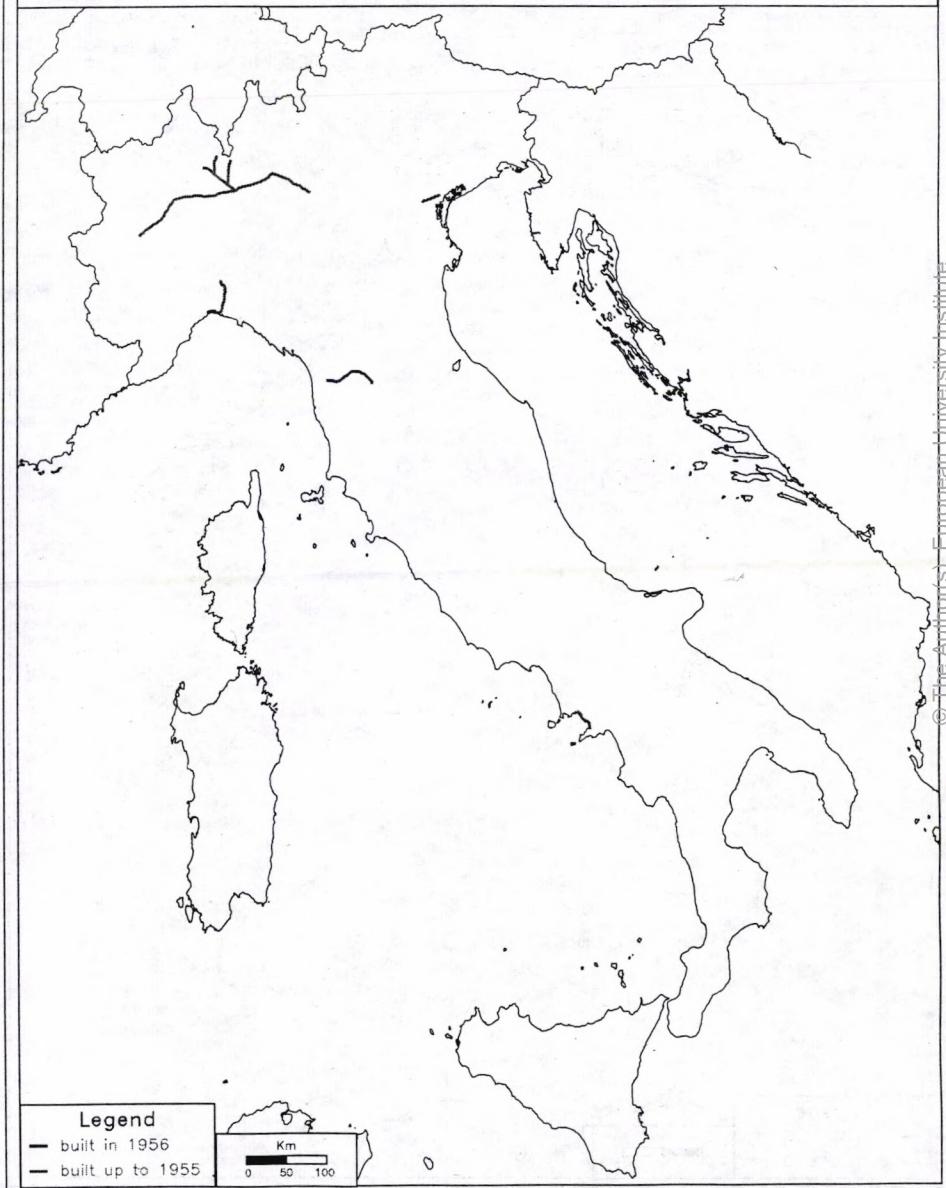


Fig.16: Italian highway network, 1957.

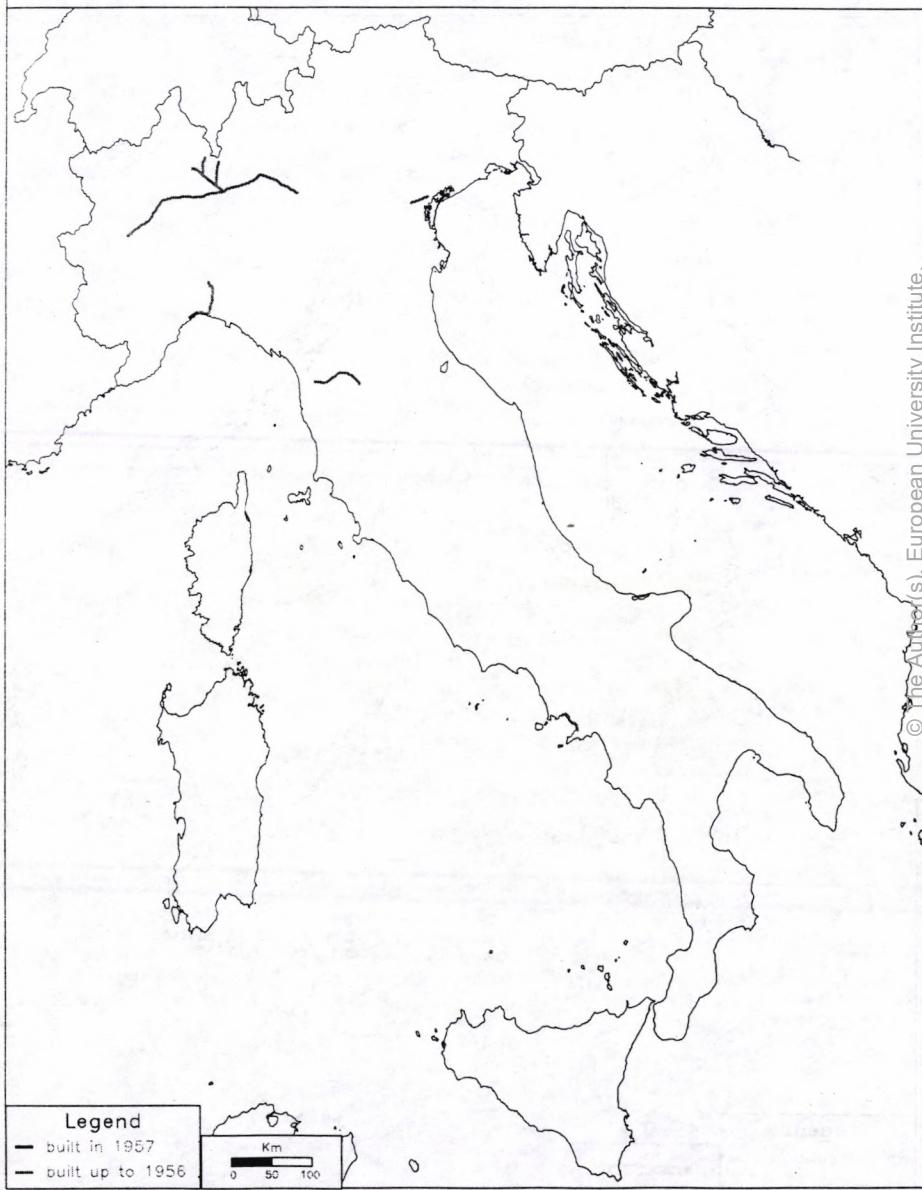


Fig.17: Italian highway network, 1958.

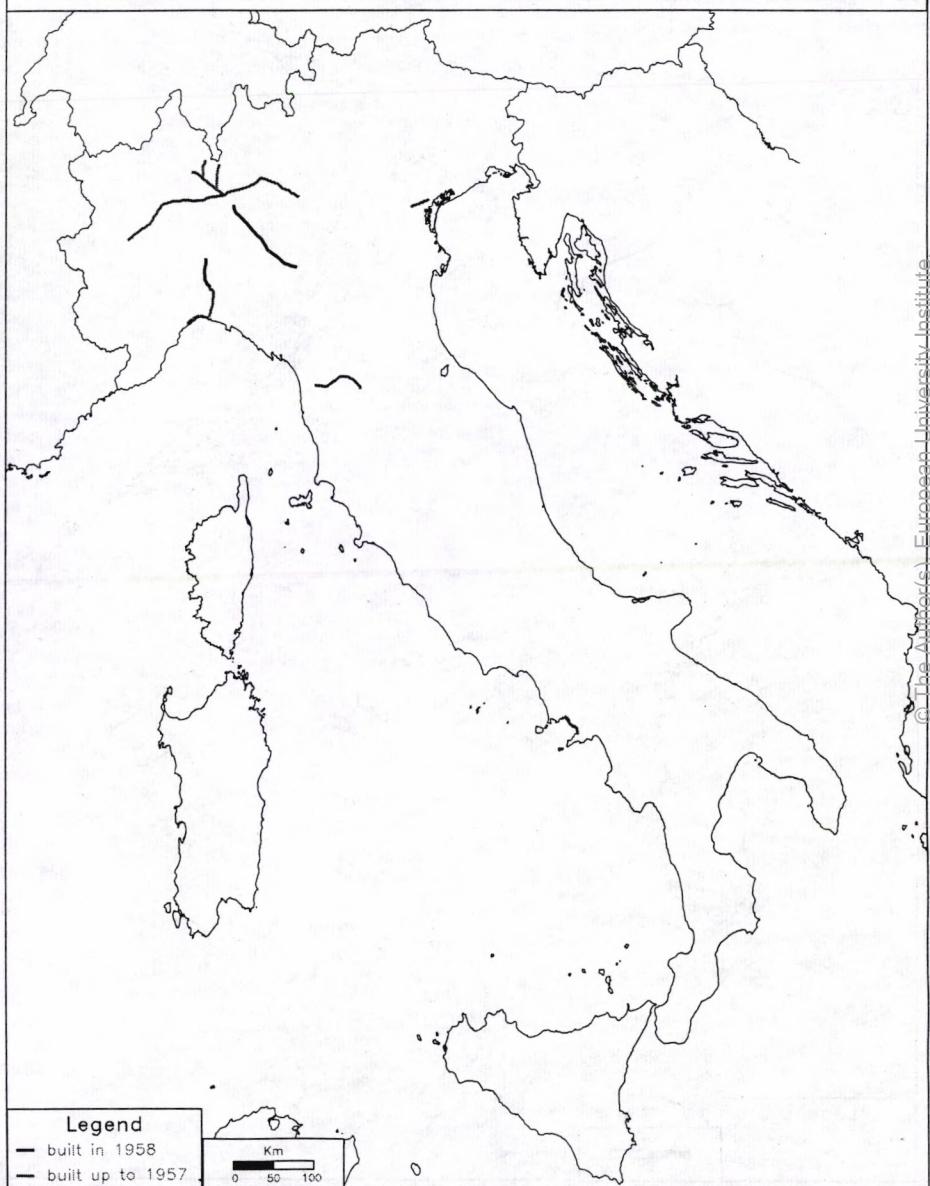


Fig.18: Italian highway network, 1959.

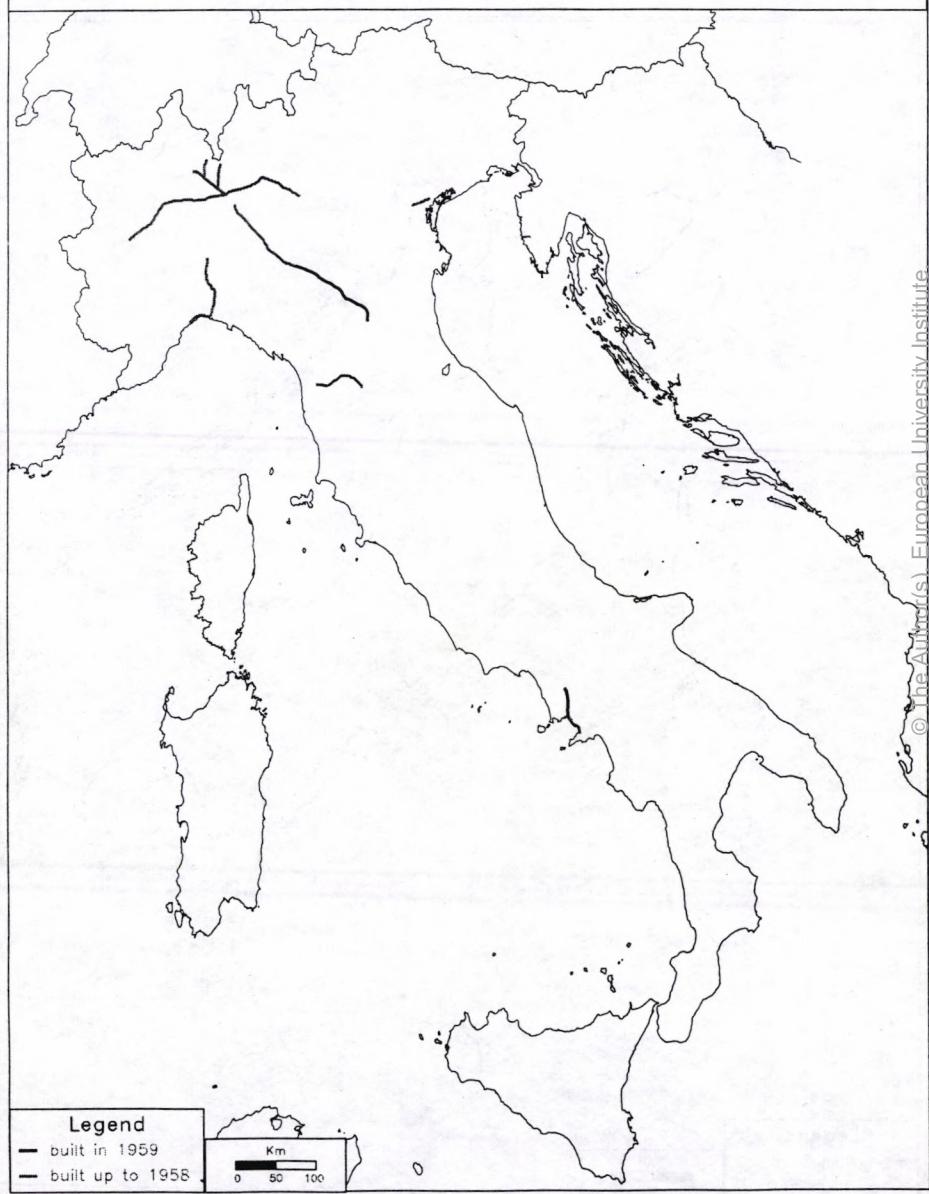


Fig.19: Italian highway network, 1960.

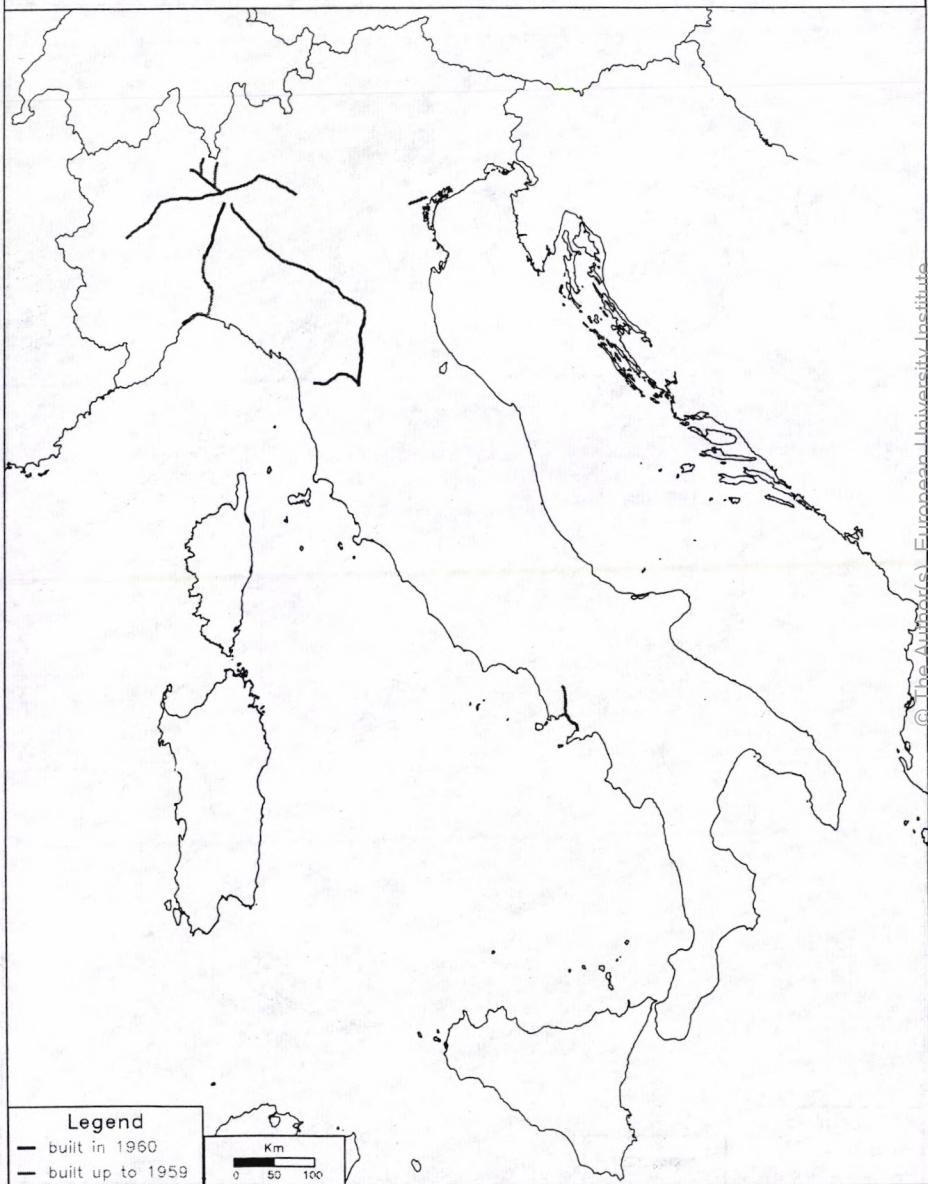


Fig.20: Italian highway network, 1961.

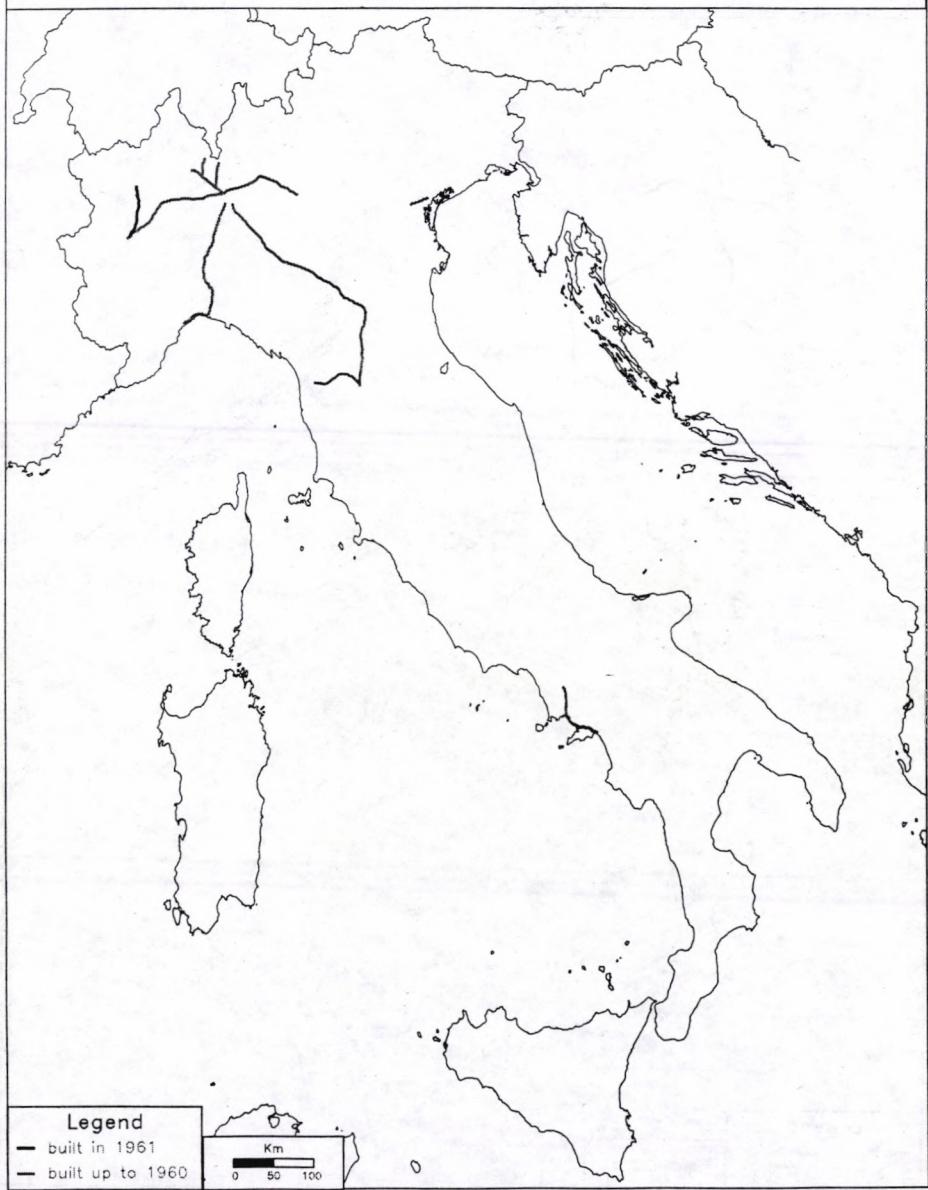


Fig.21: Italian highway network, 1962.

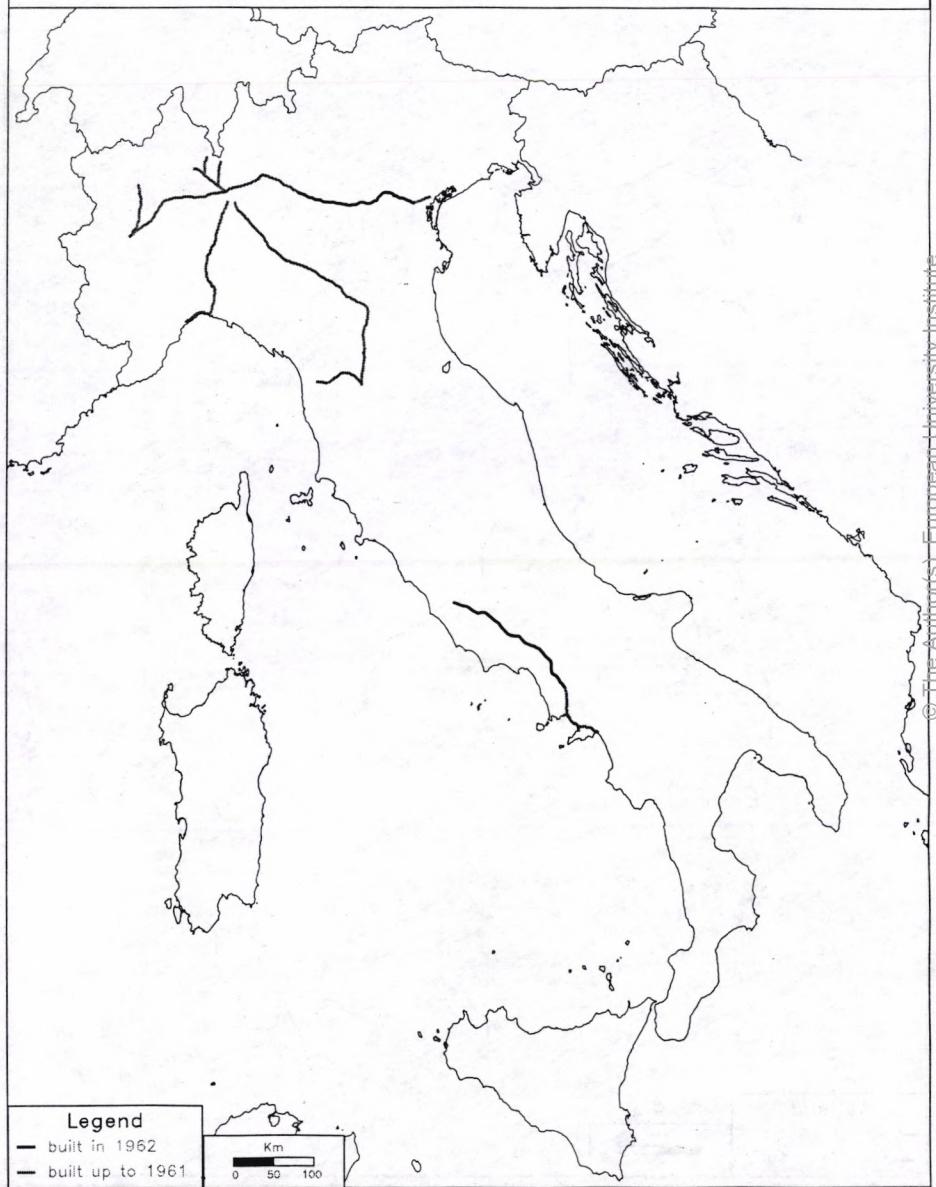


Fig.22: Italian highway network, 1963.

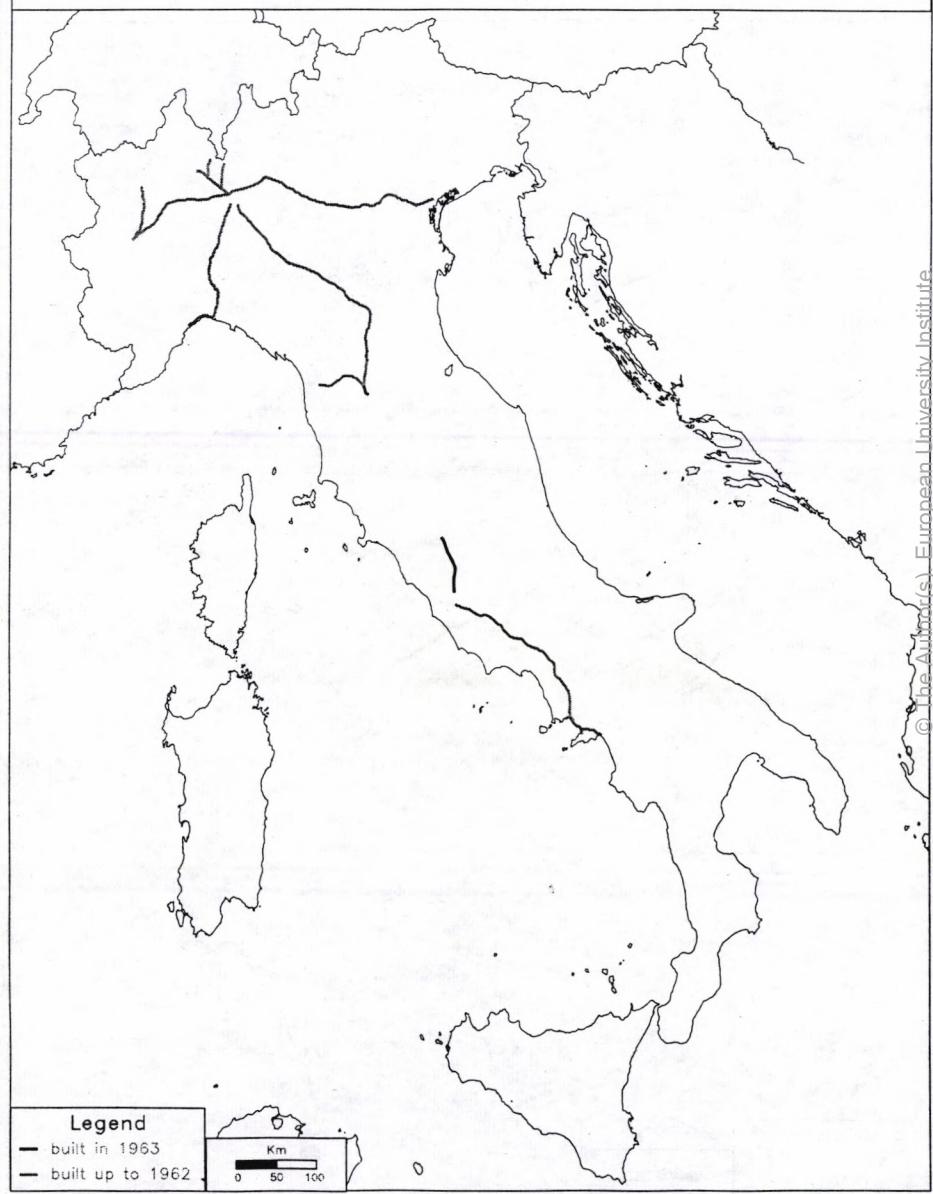


Fig.23: Italian highway network, 1964.

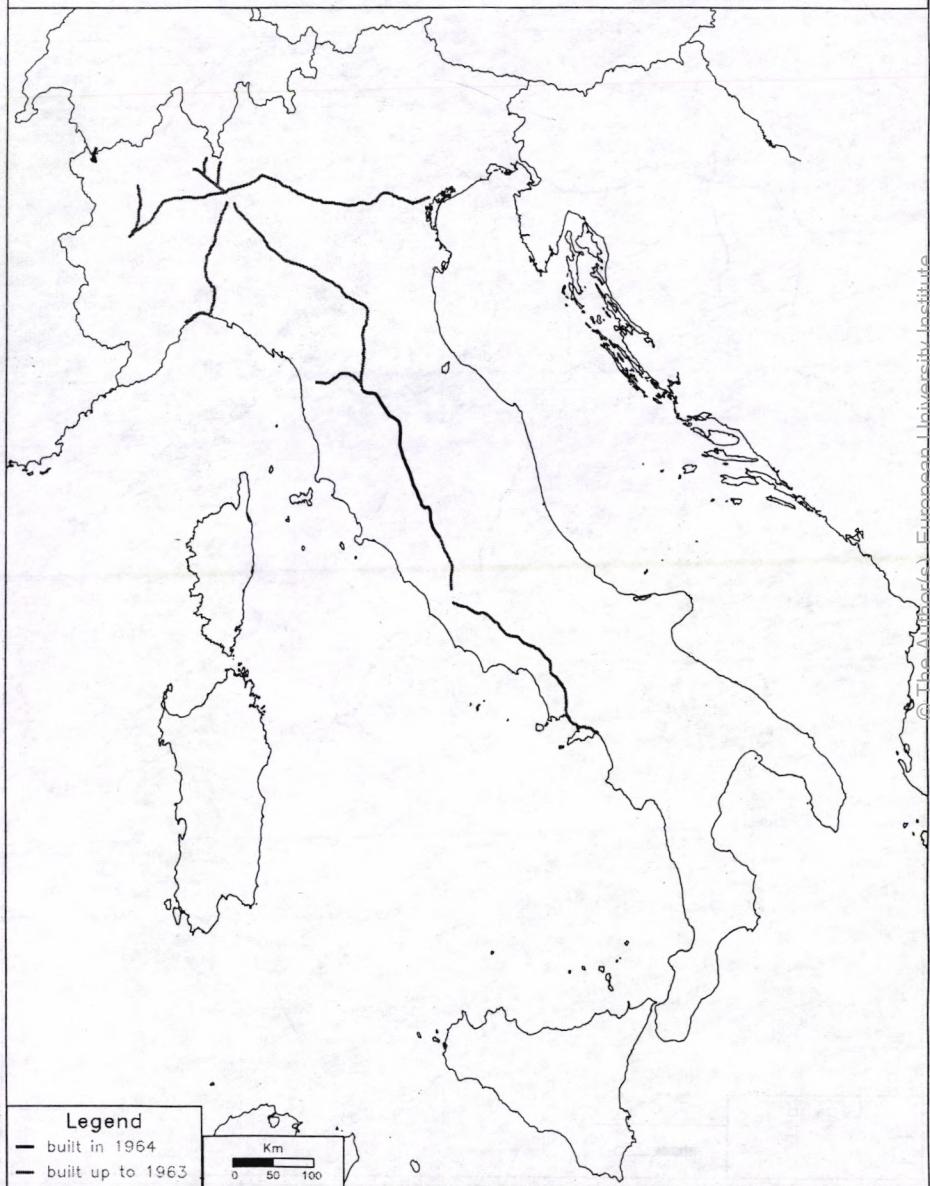


Fig.24: Italian highway network, 1965.

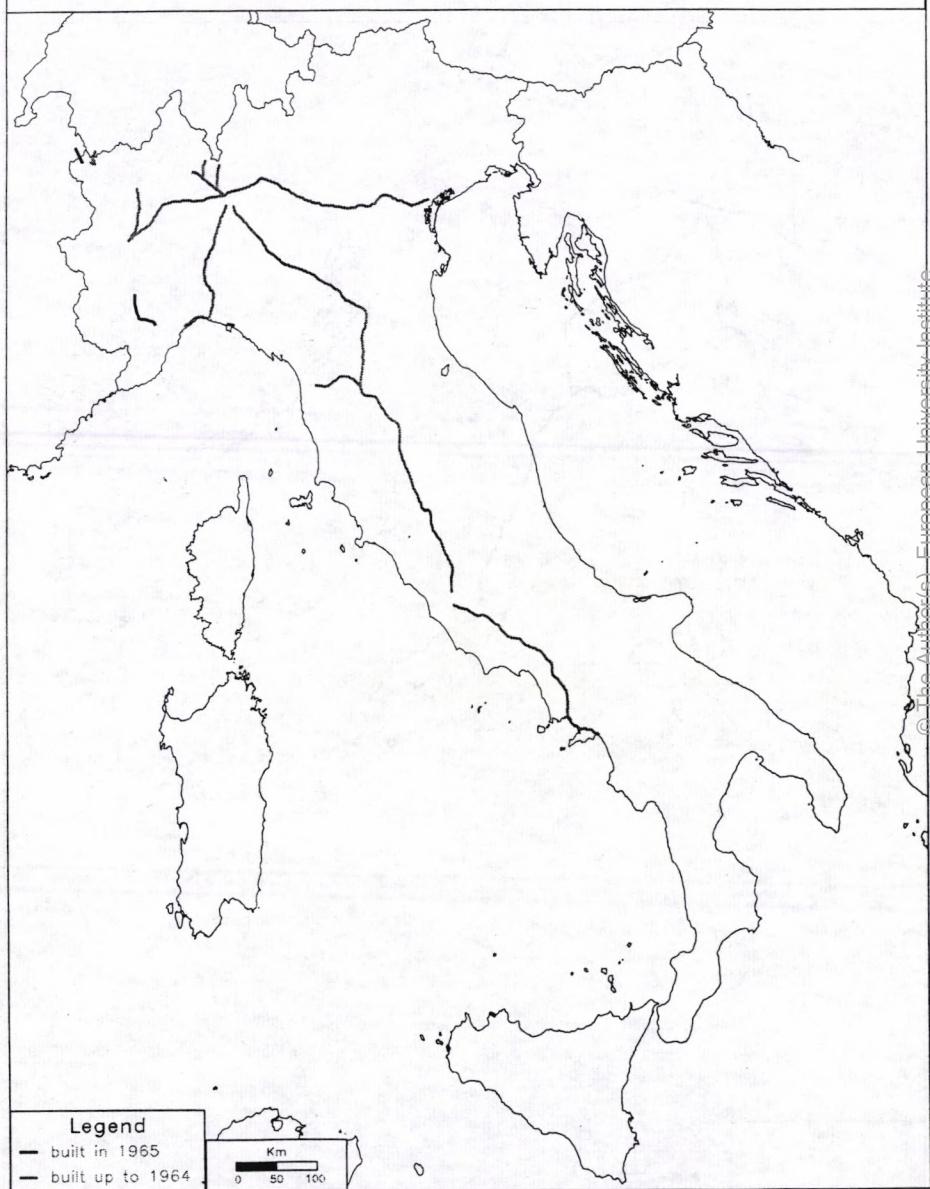


Fig.25: Italian highway network, 1966.

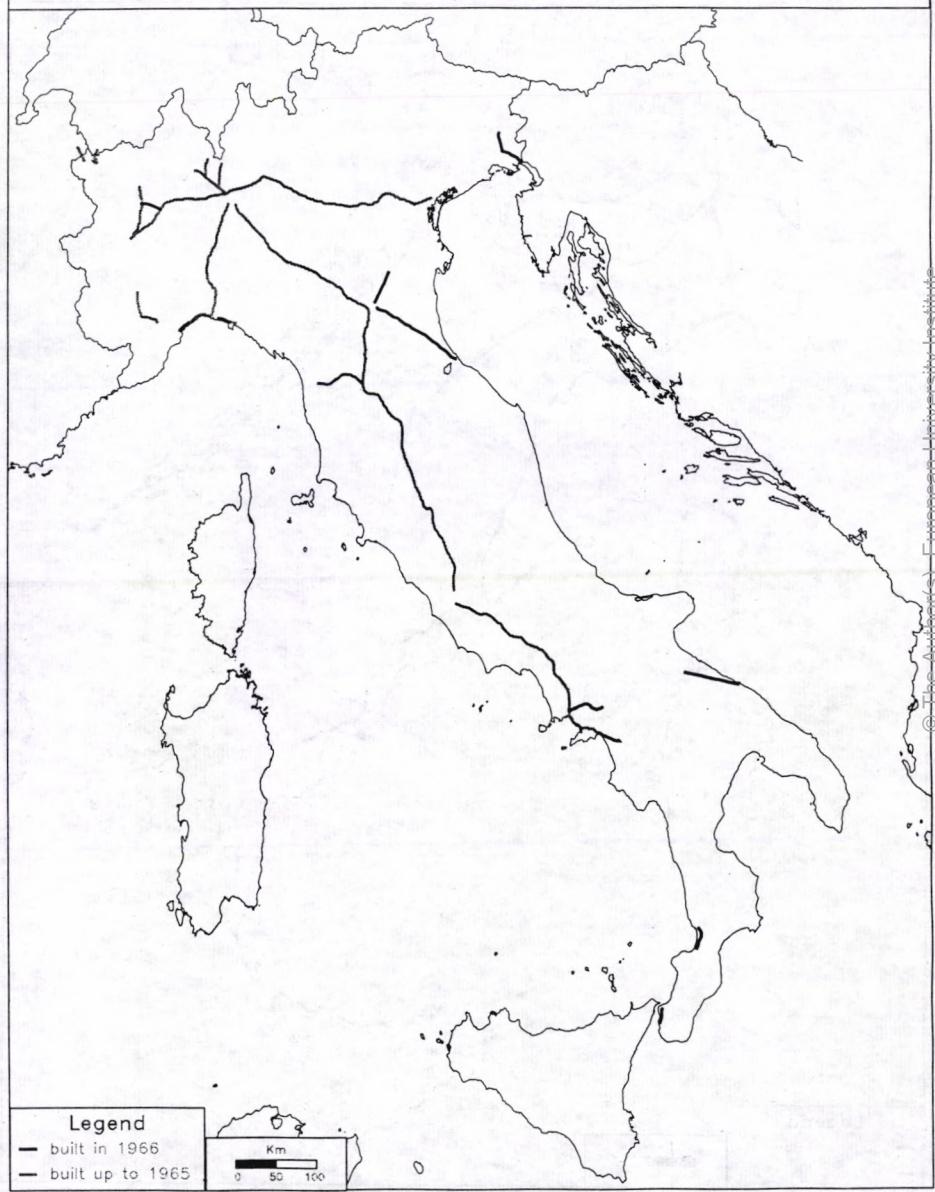


Fig.26: Italian highway network, 1967.

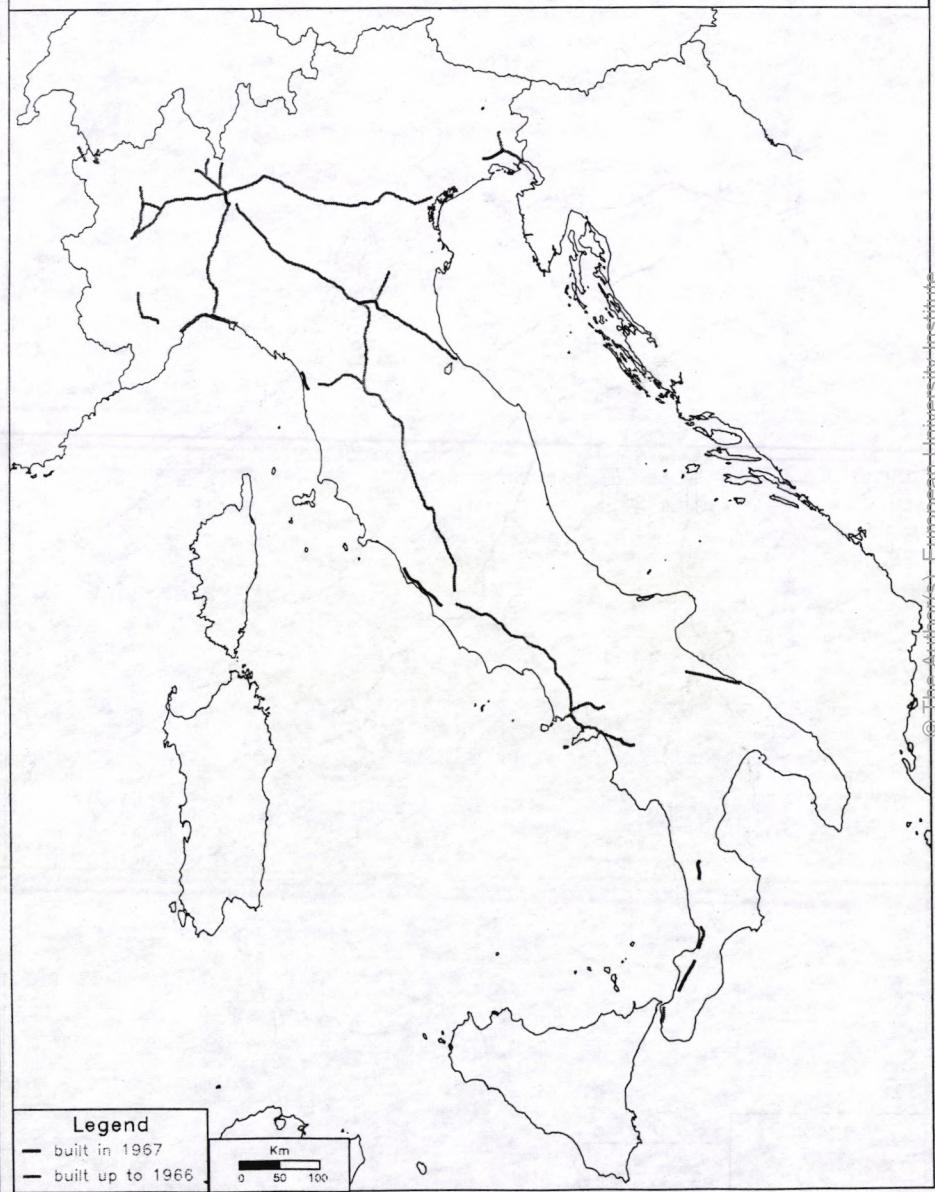


Fig.27: Italian highway network, 1968.

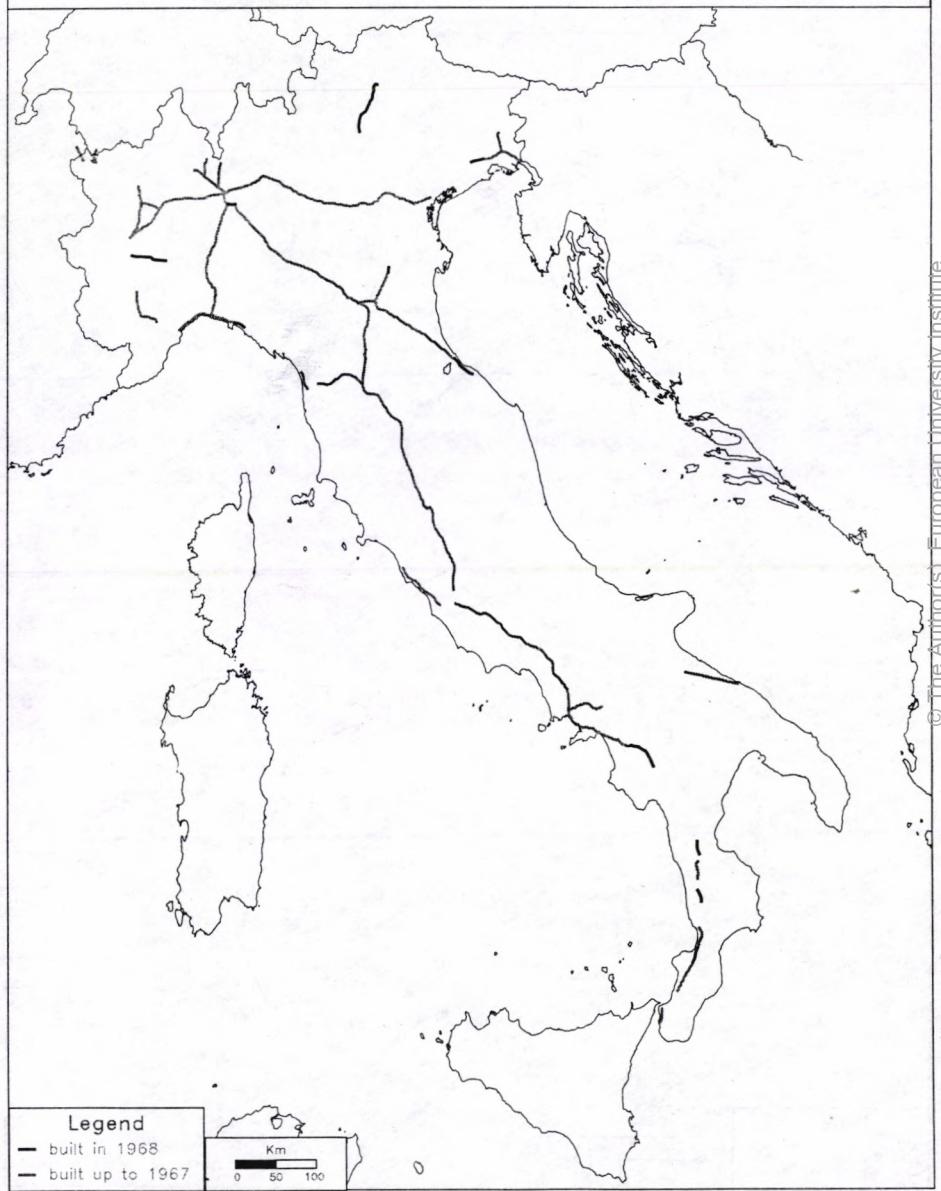


Fig.28: Italian highway network, 1969.

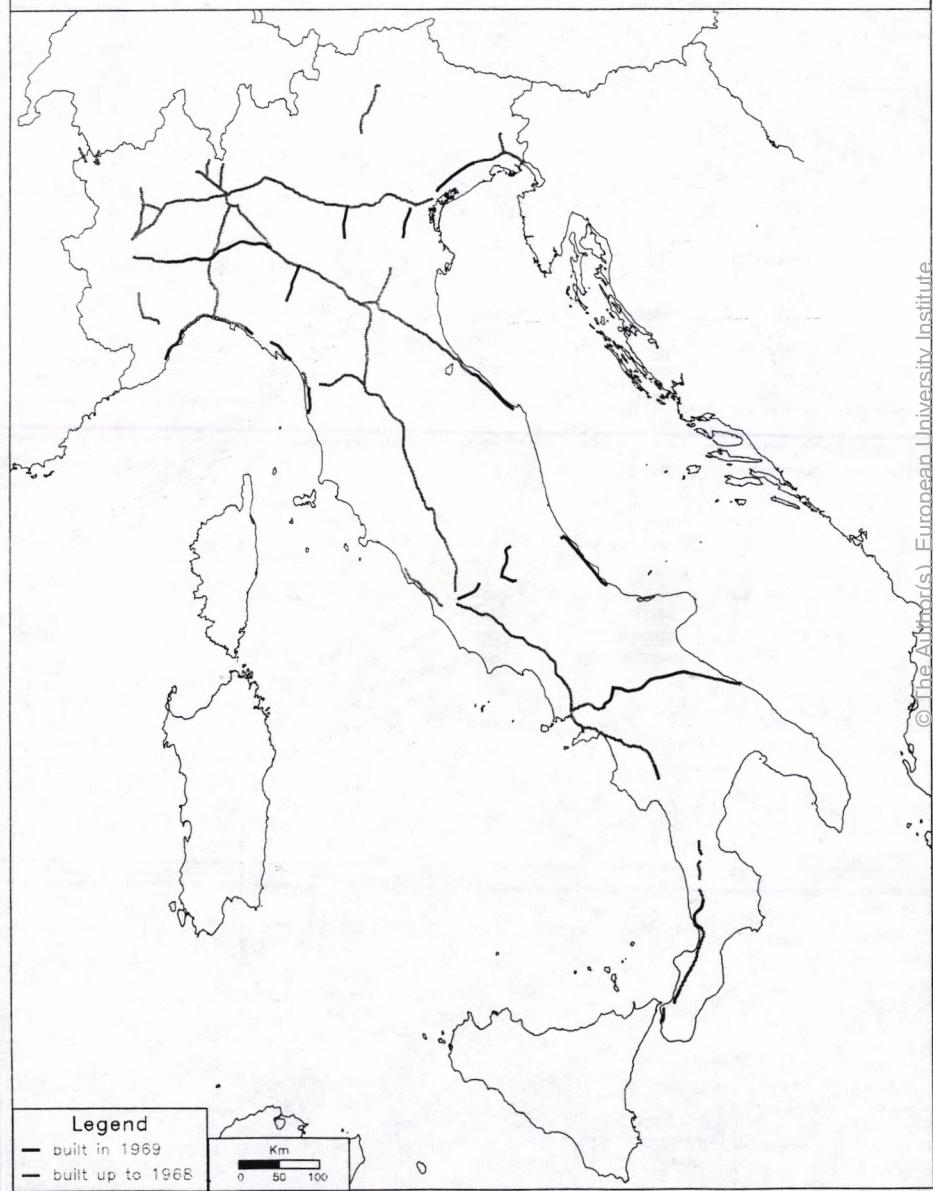


Fig.29: Italian highway network, 1970.

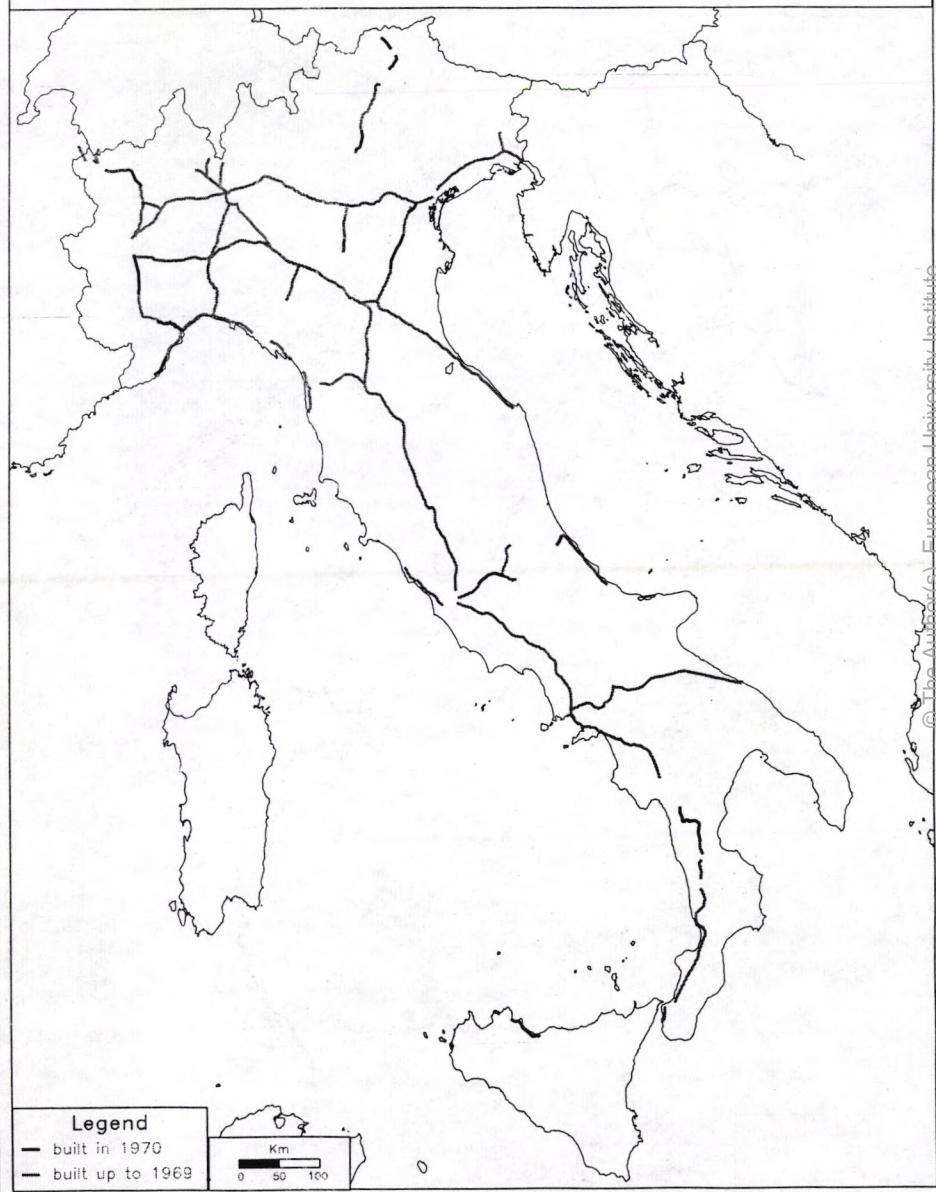


Fig.30: Italian highway network, 1971.

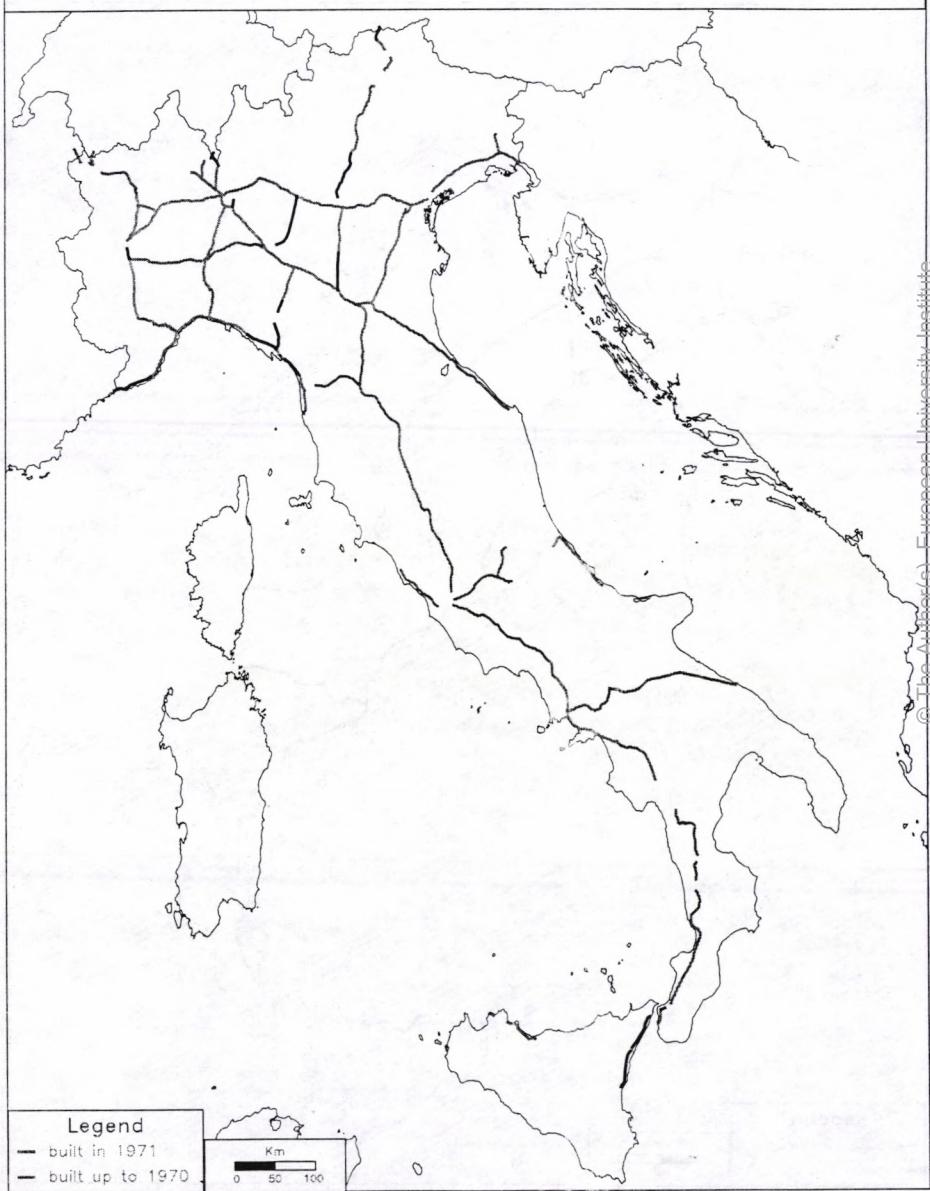


Fig.31: Italian highway network, 1972.

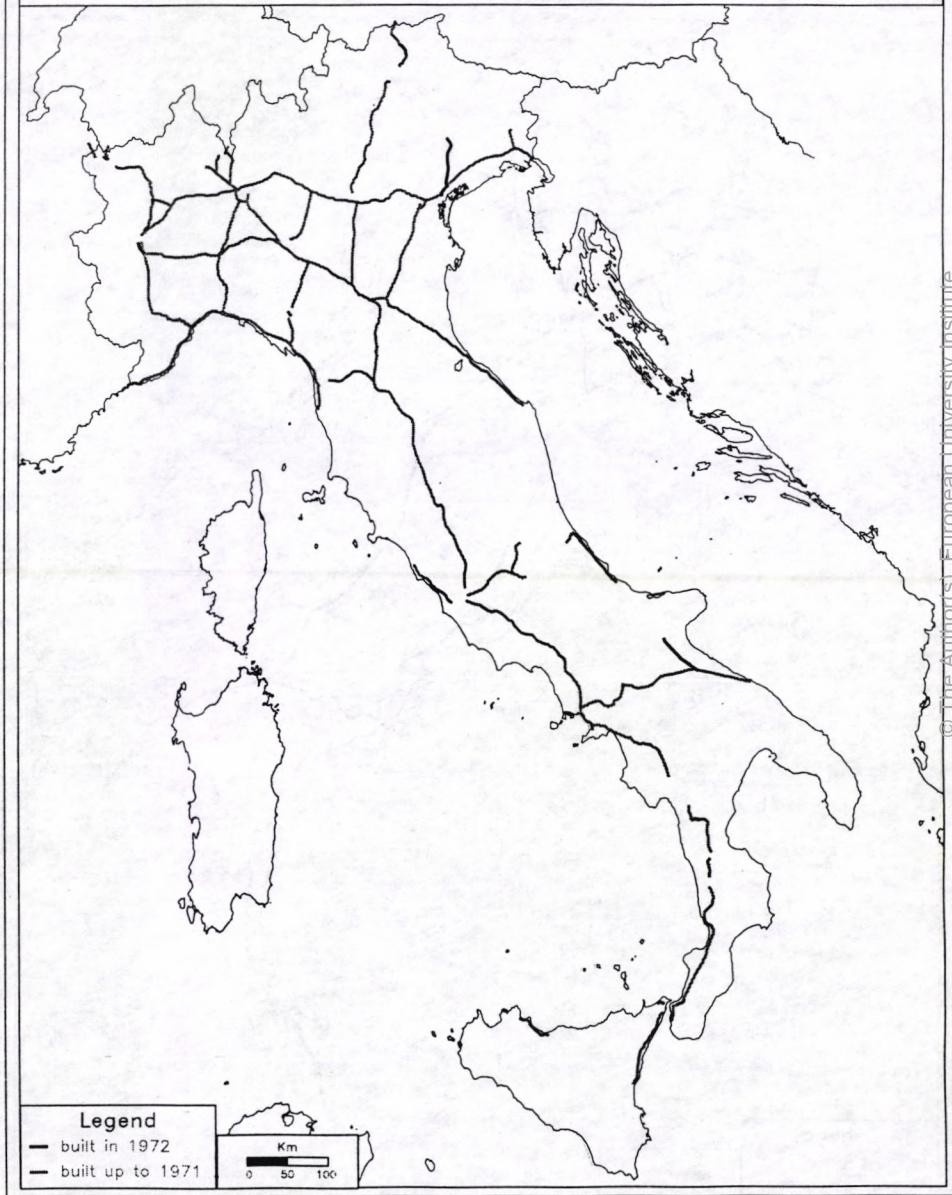


Fig.32: Italian highway network, 1973.

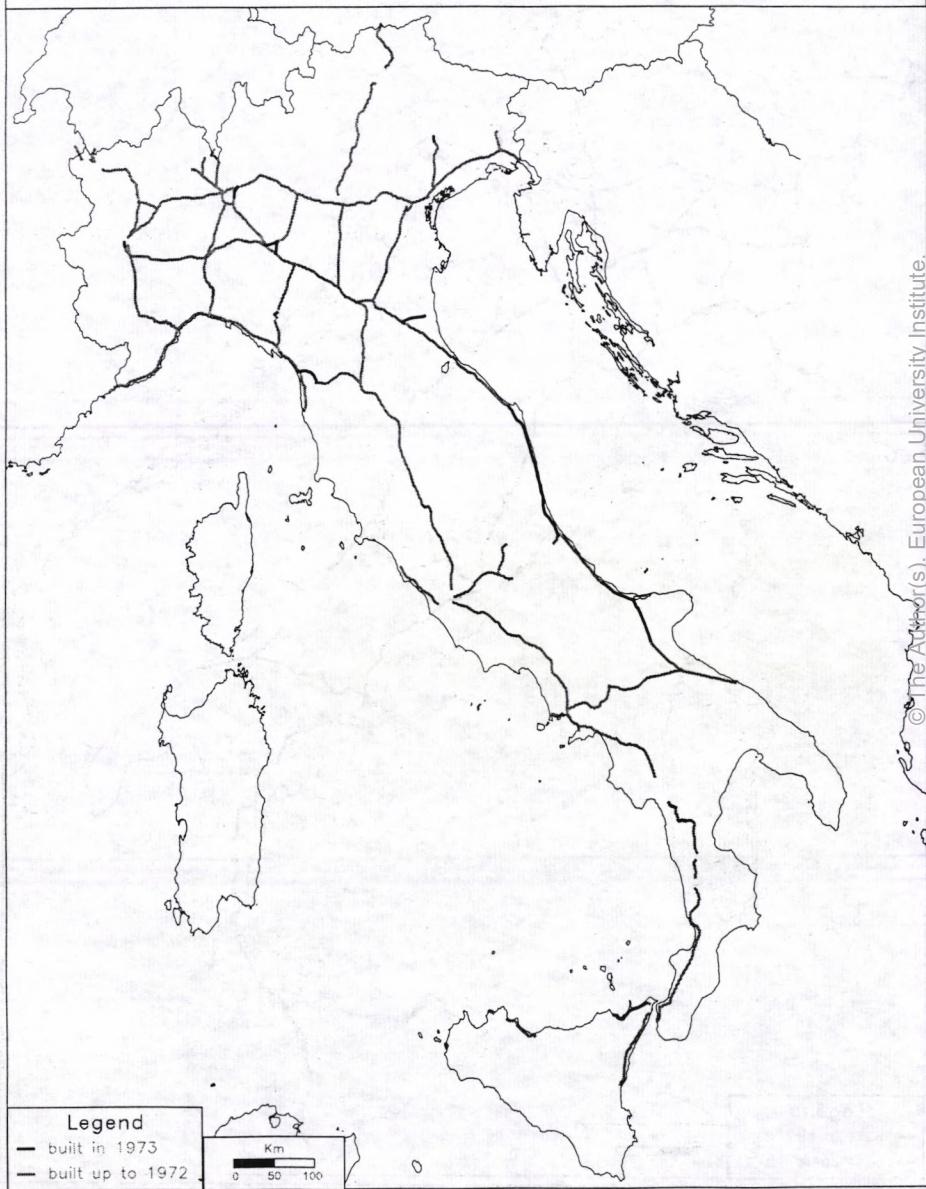


Fig.33: Italian highway network, 1974.

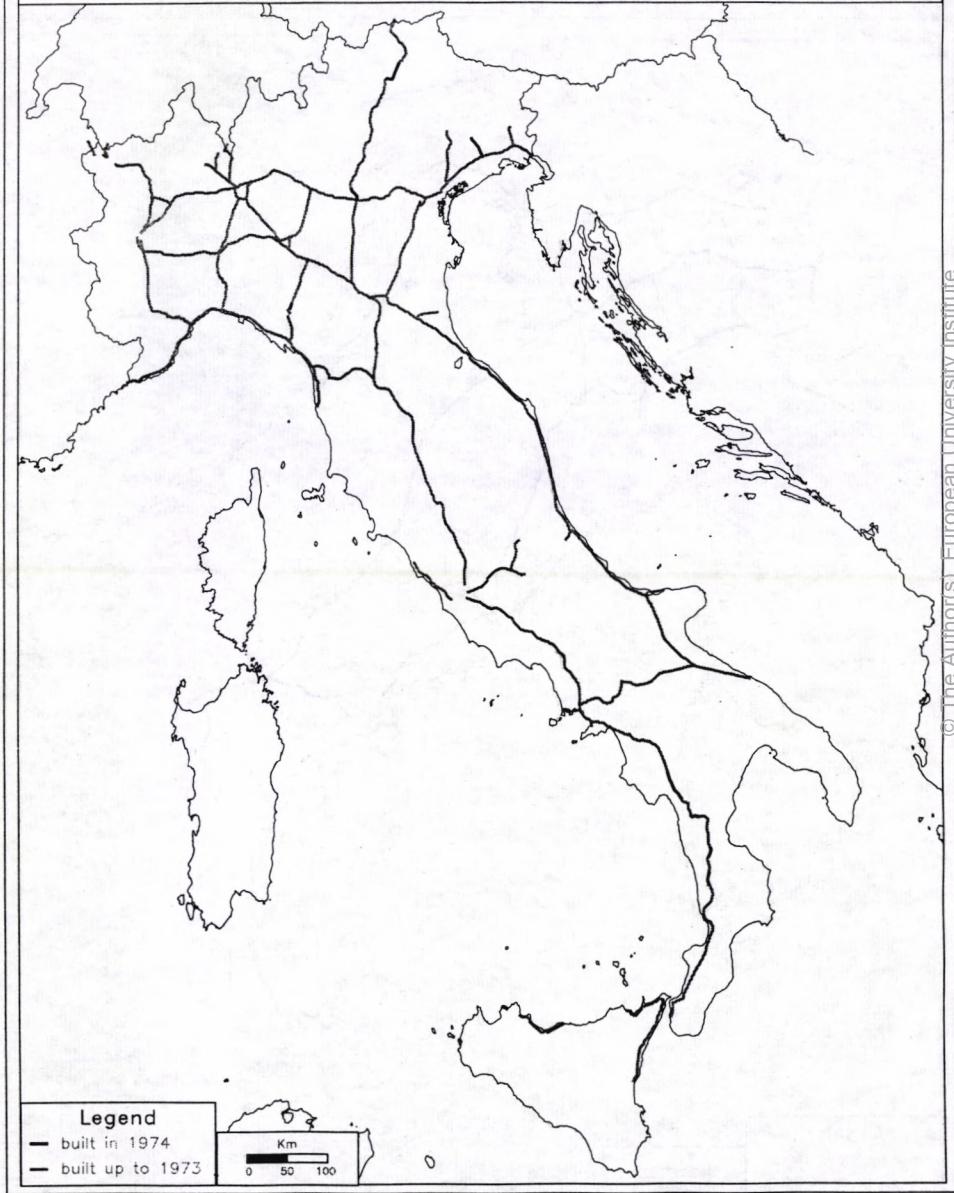


Fig.34: Italian highway network, 1975.

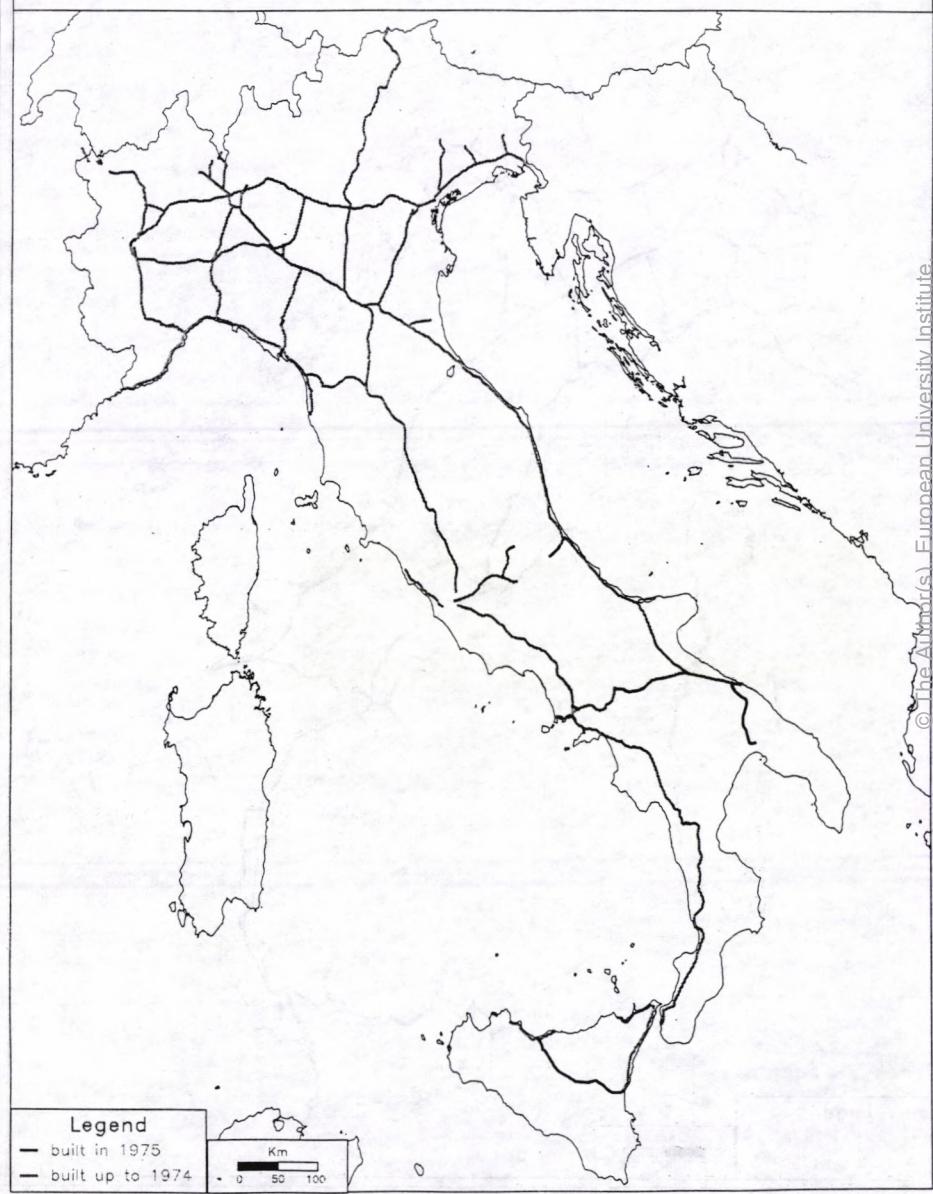


Fig.35: Italian highway network, 1976.

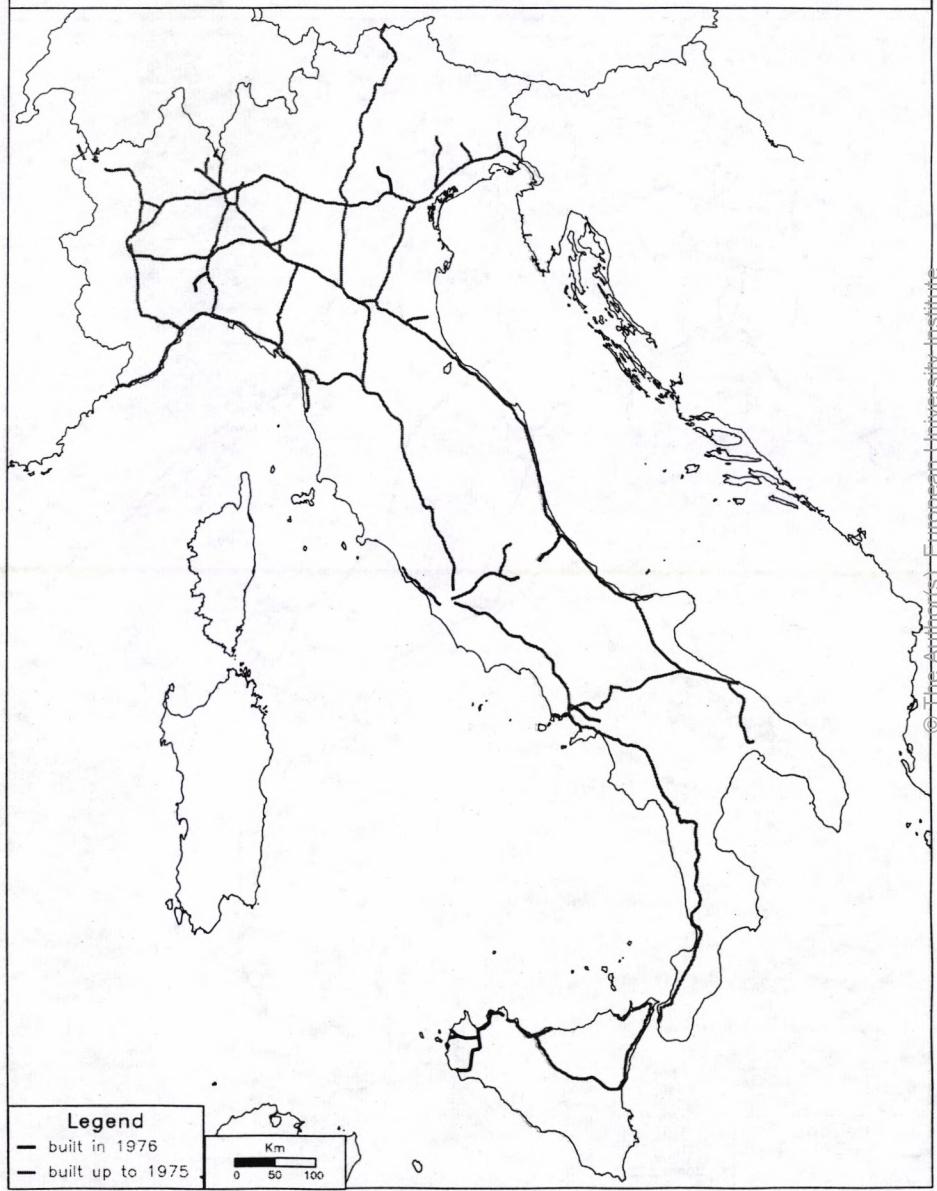


Fig.36: Italian highway network, 1977.

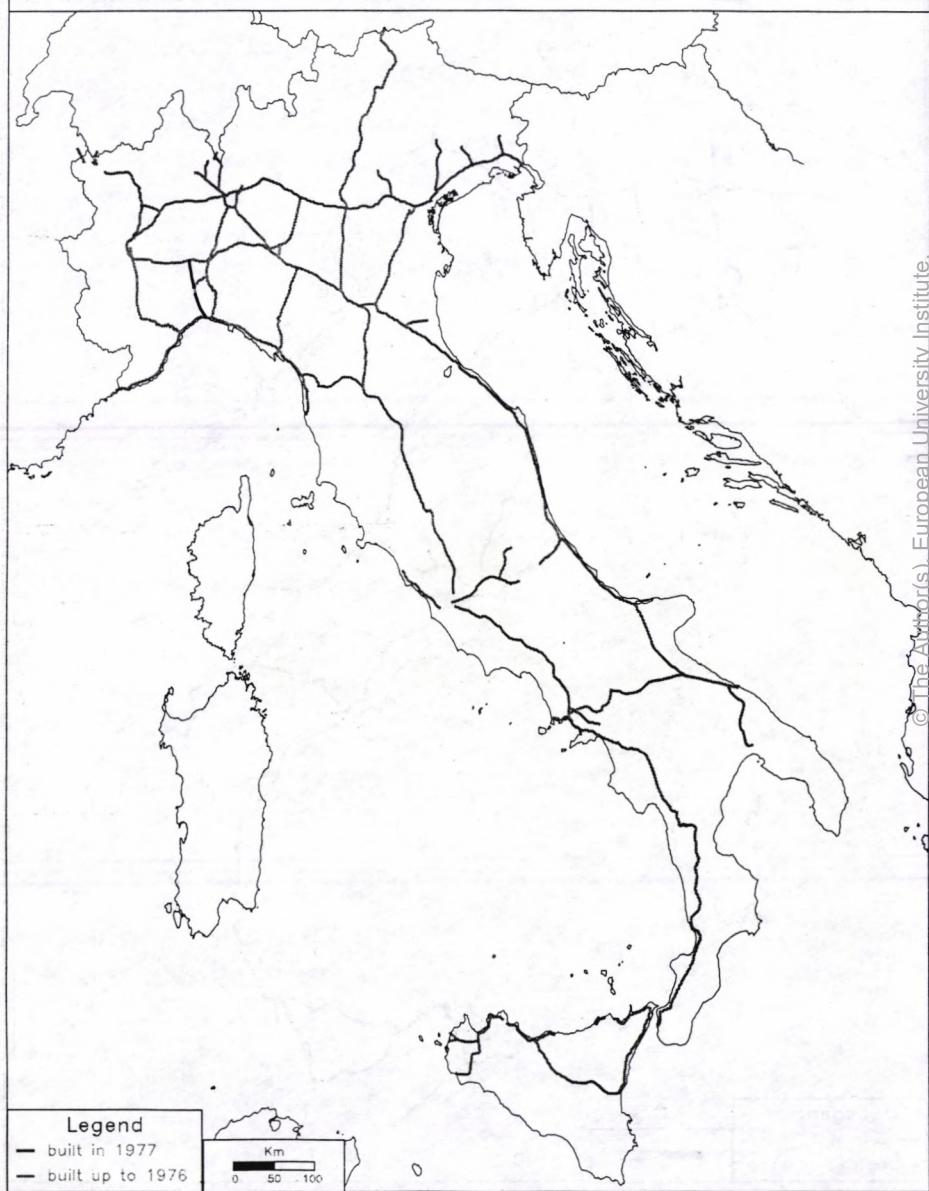


Fig.37: Italian highway network, 1978.

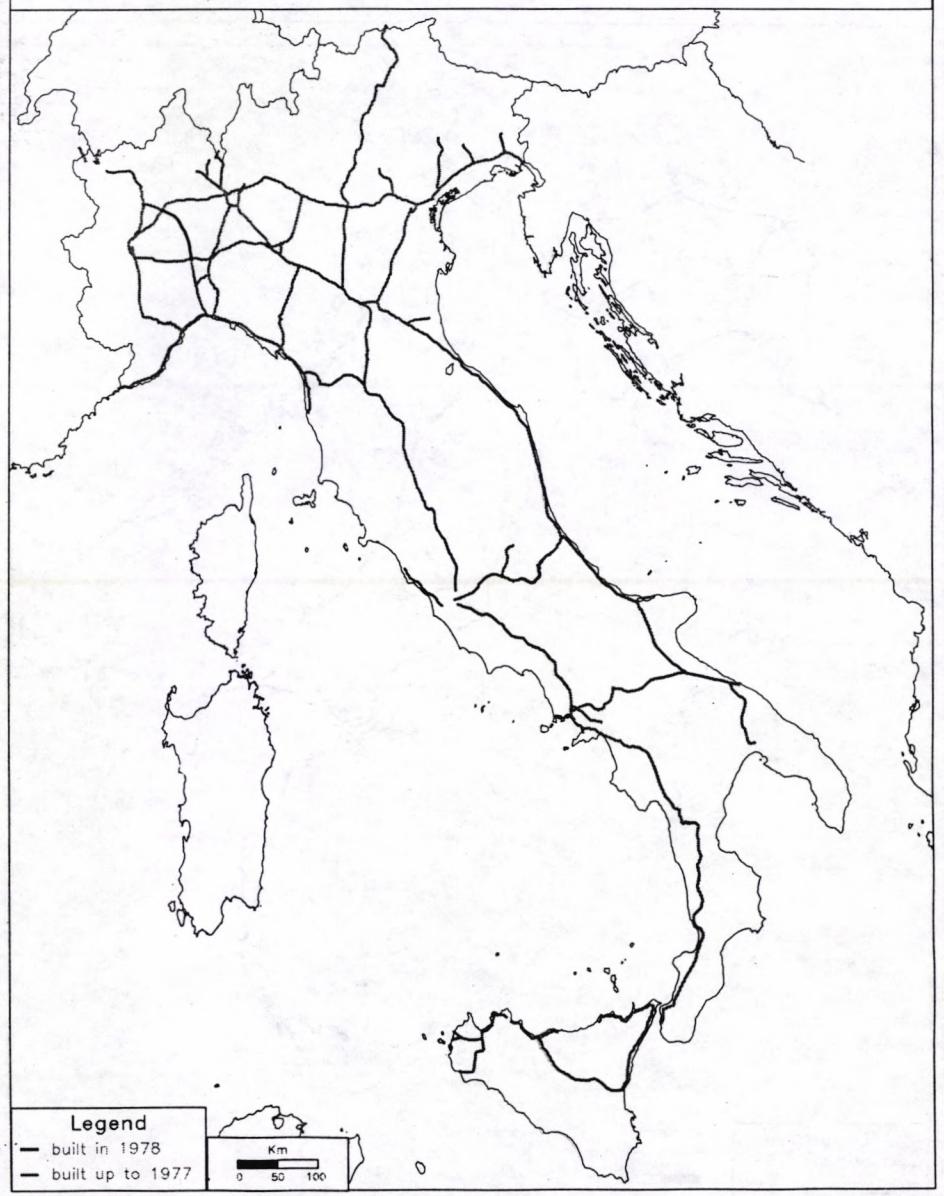


Fig.38: Italian highway network, 1979.

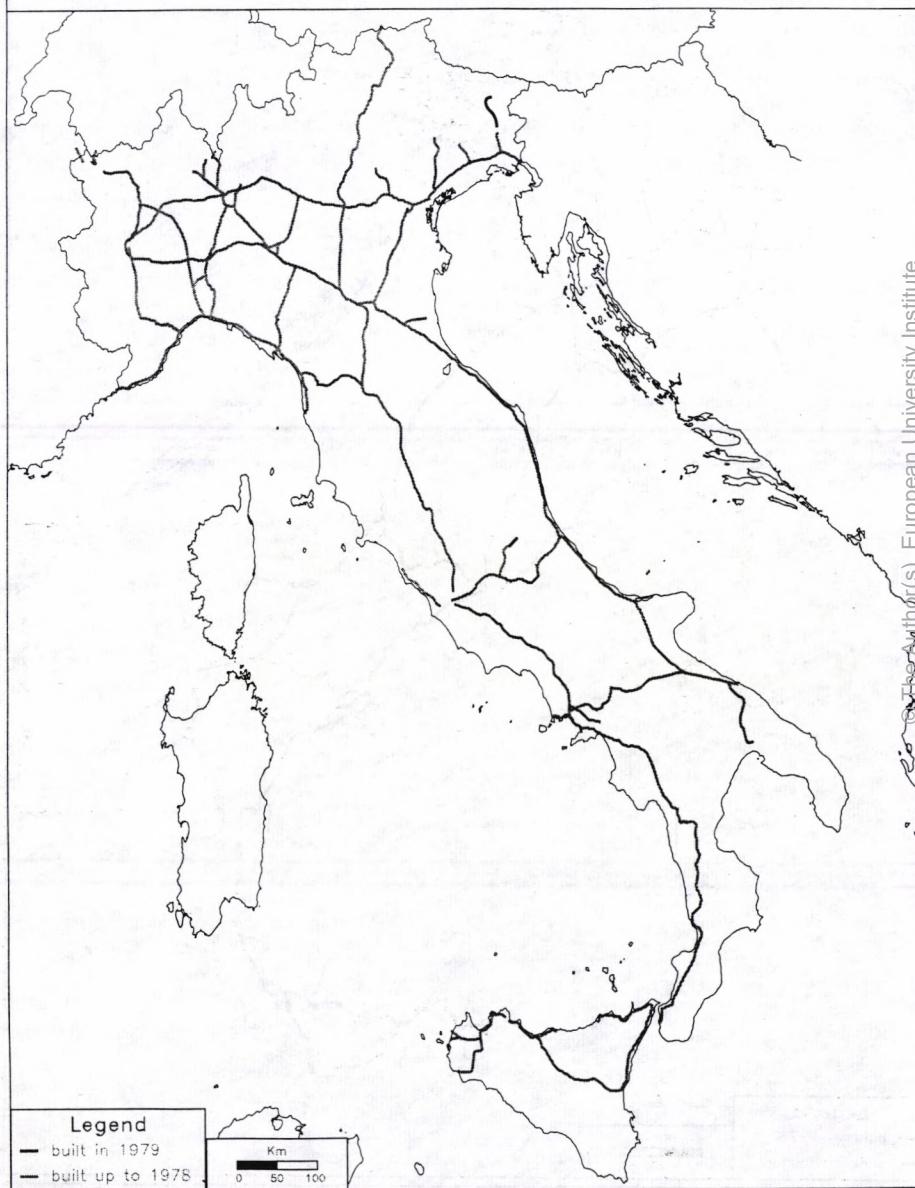


Fig.39: Italian highway network, 1980.

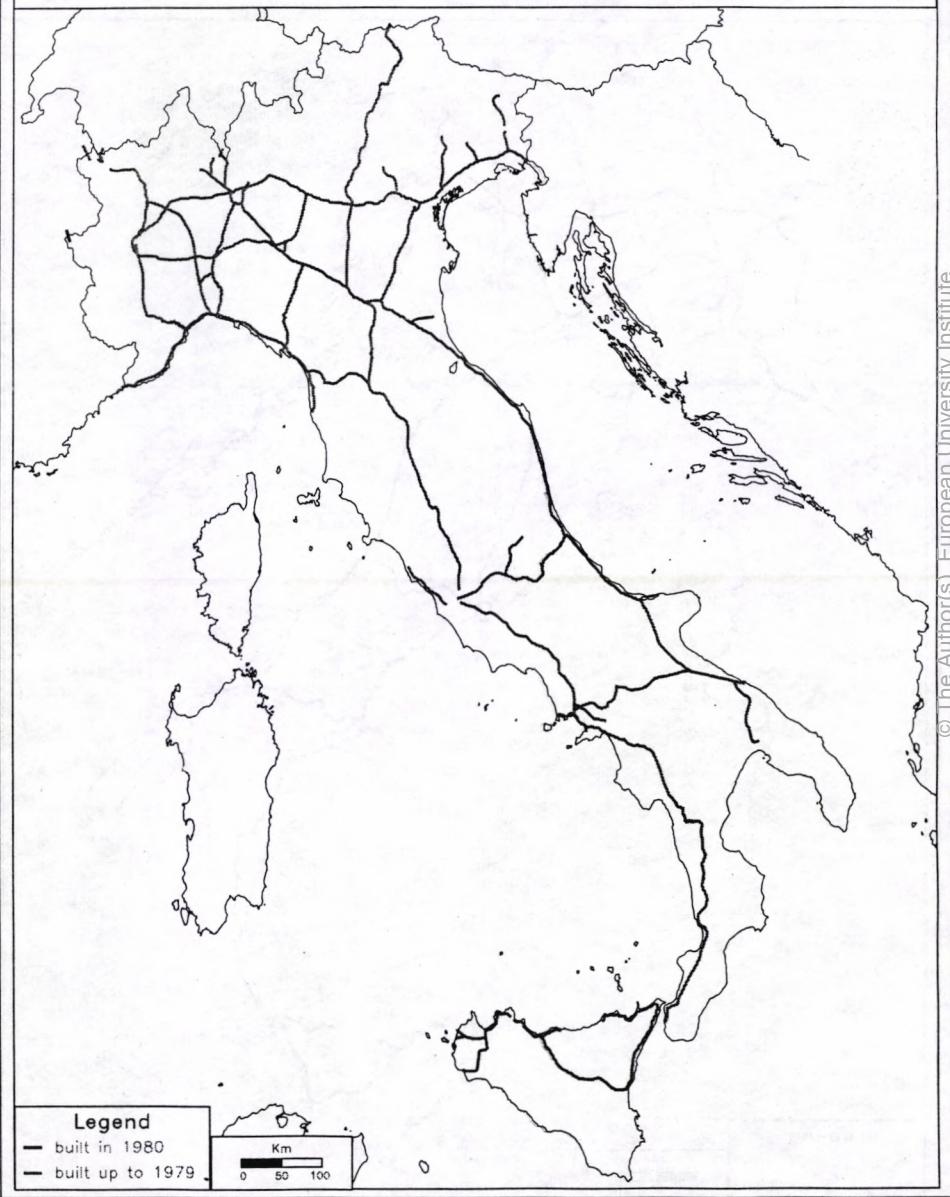


Fig.40: Italian highway network, 1981.

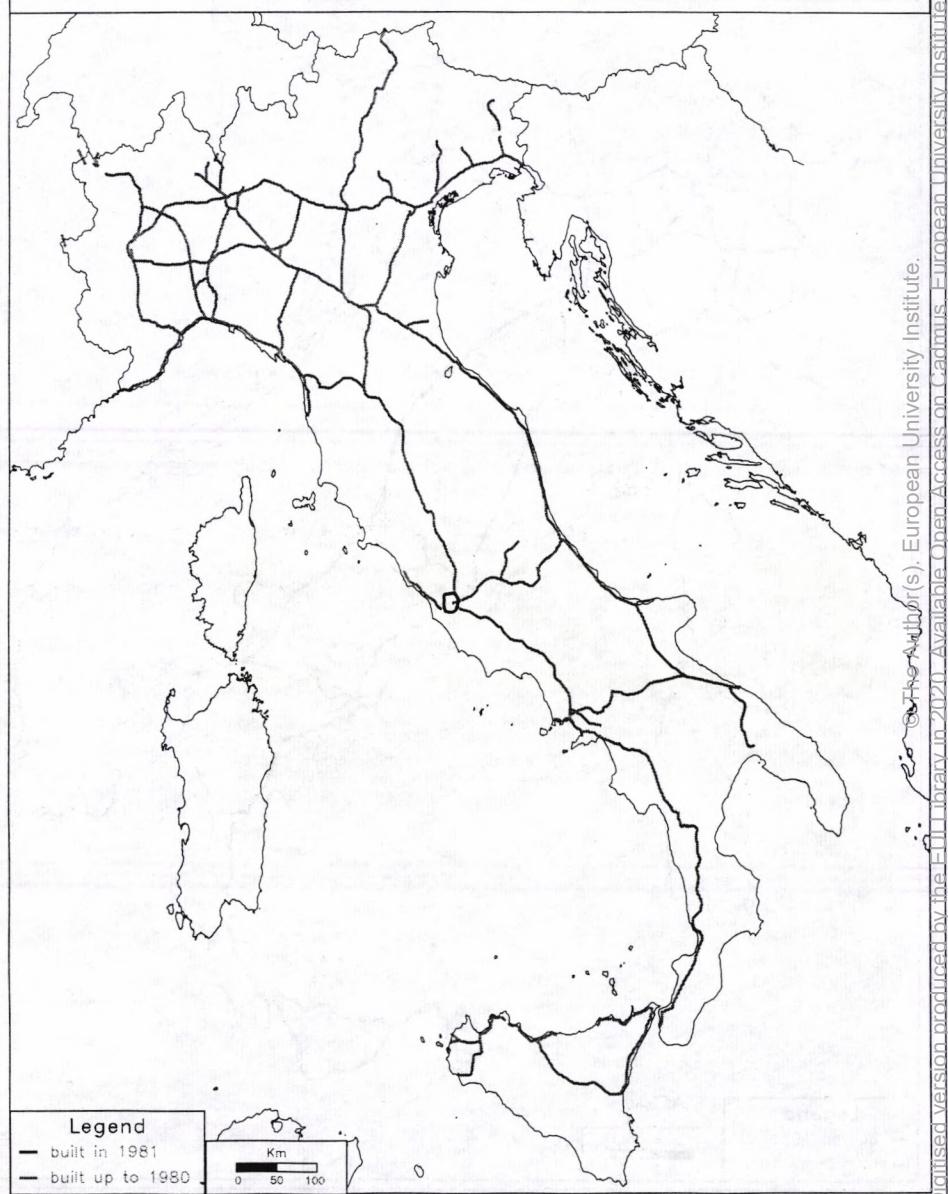


Fig.41: Italian highway network, 1983.

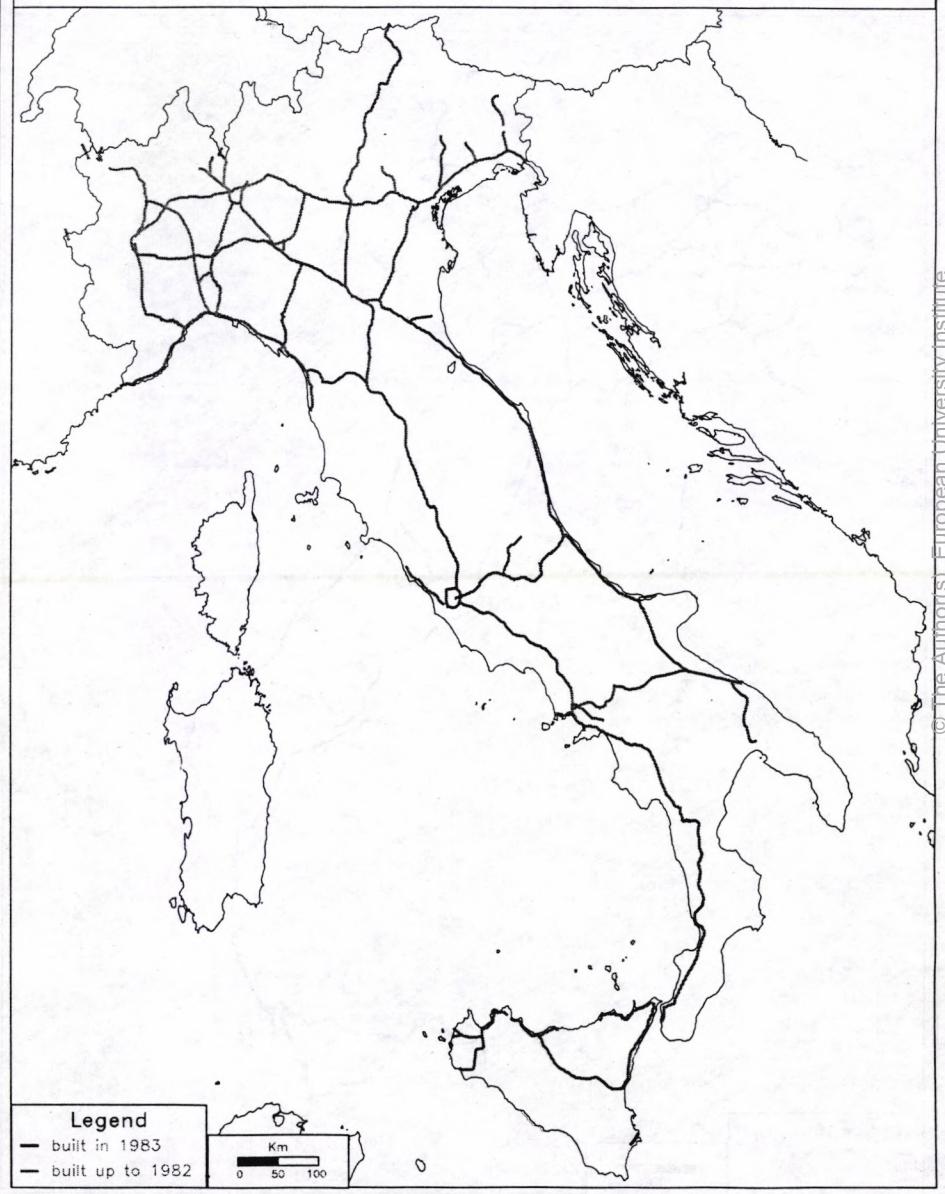


Fig.42: Italian highway network, 1984.

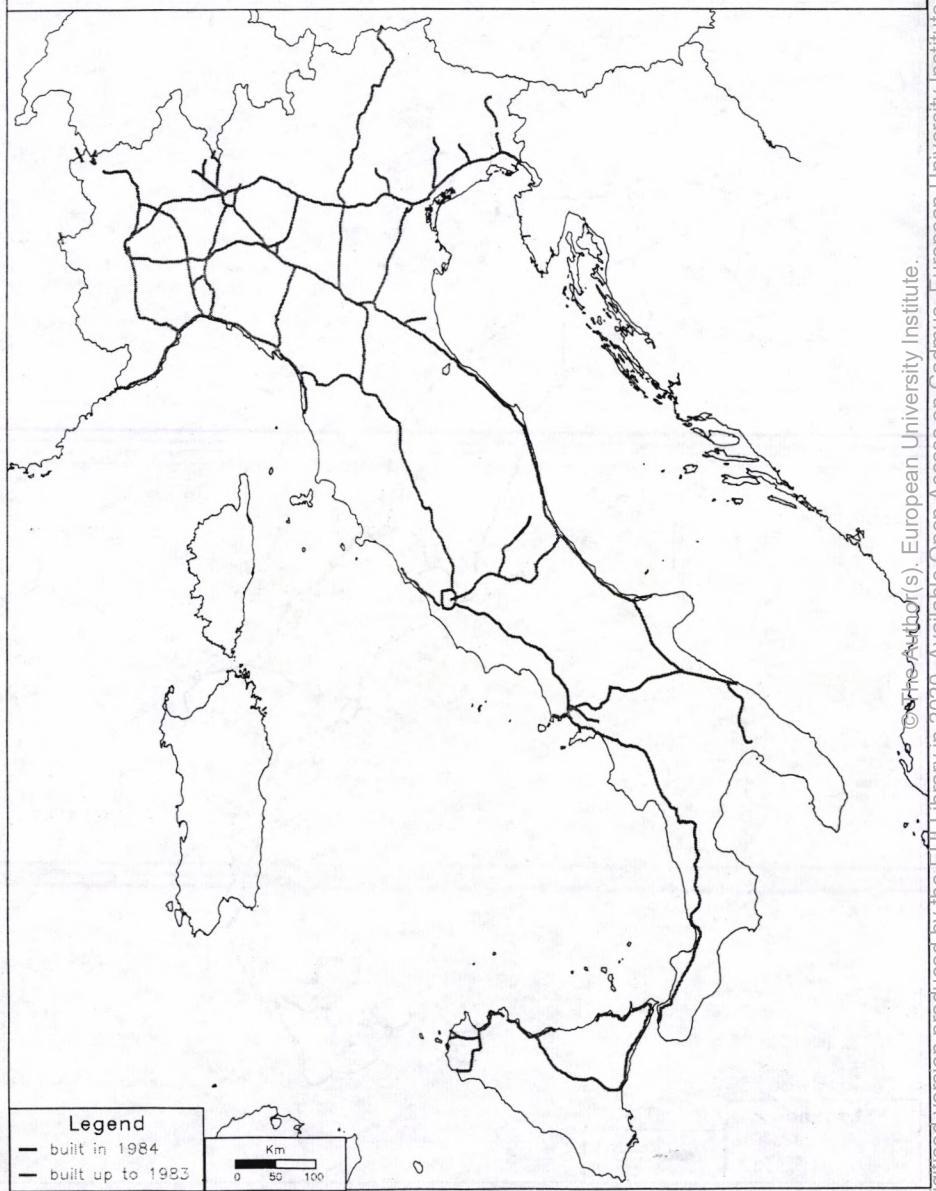


Fig.43: Italian highway network, 1985.

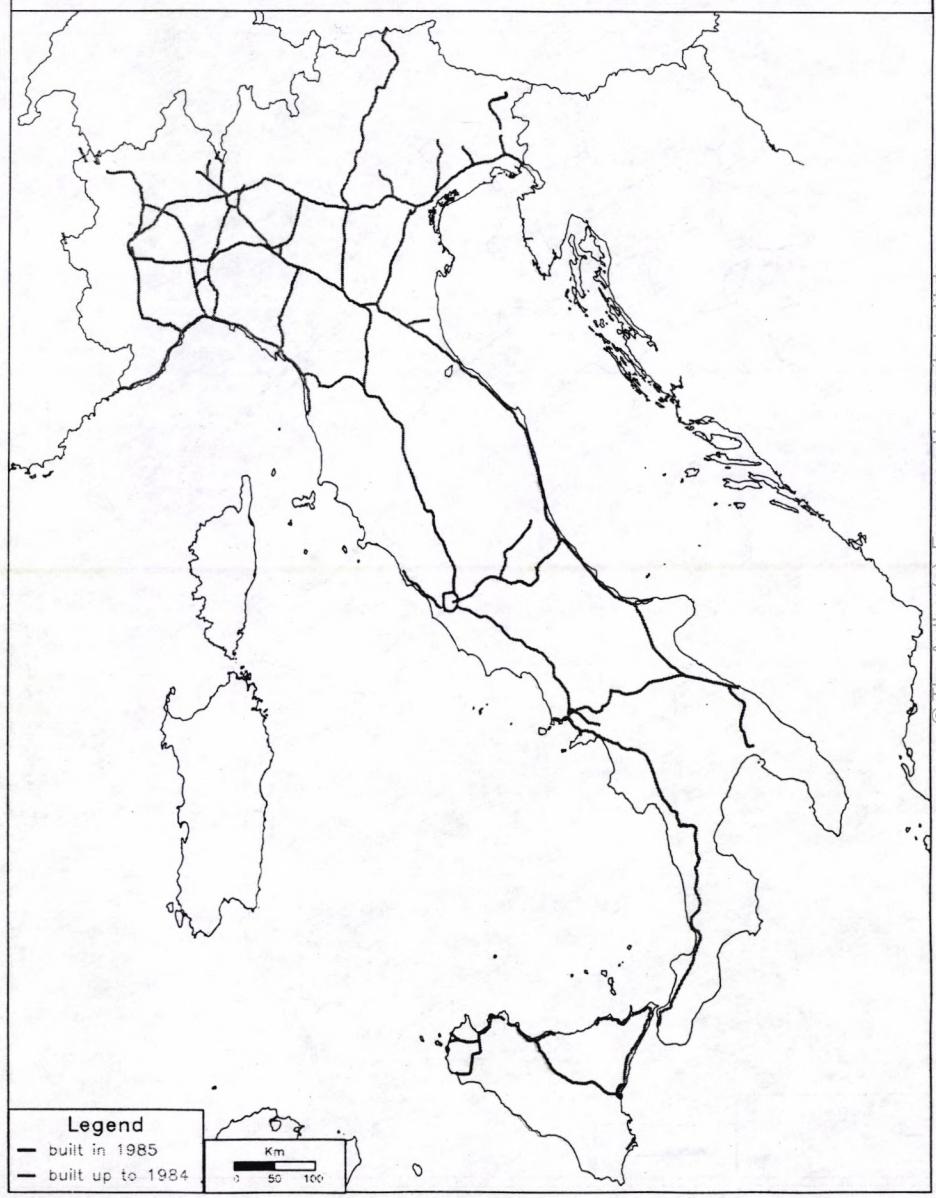


Fig.44: Italian highway network, 1986.

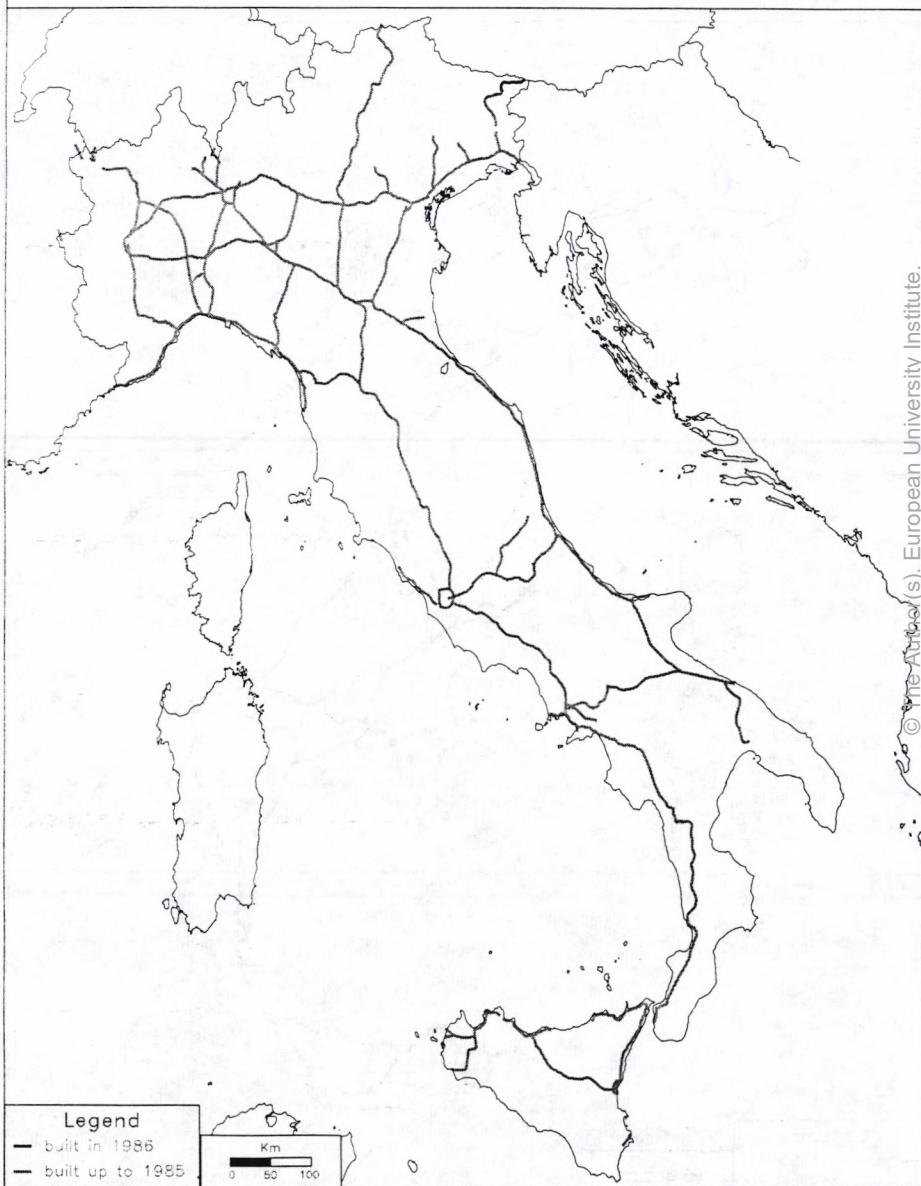


Fig.45: Italian highway network, 1987.

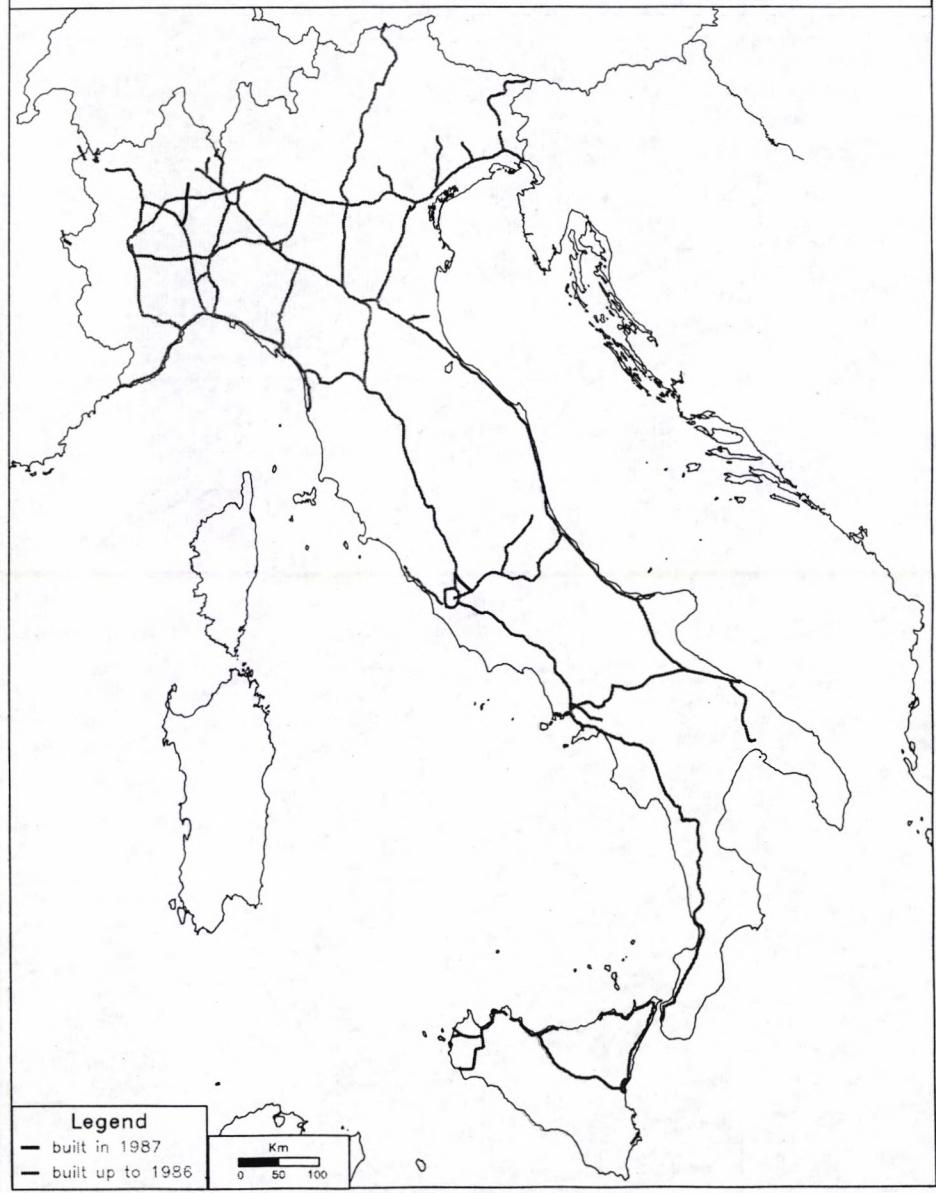


Fig.46: Italian highway network, 1988.

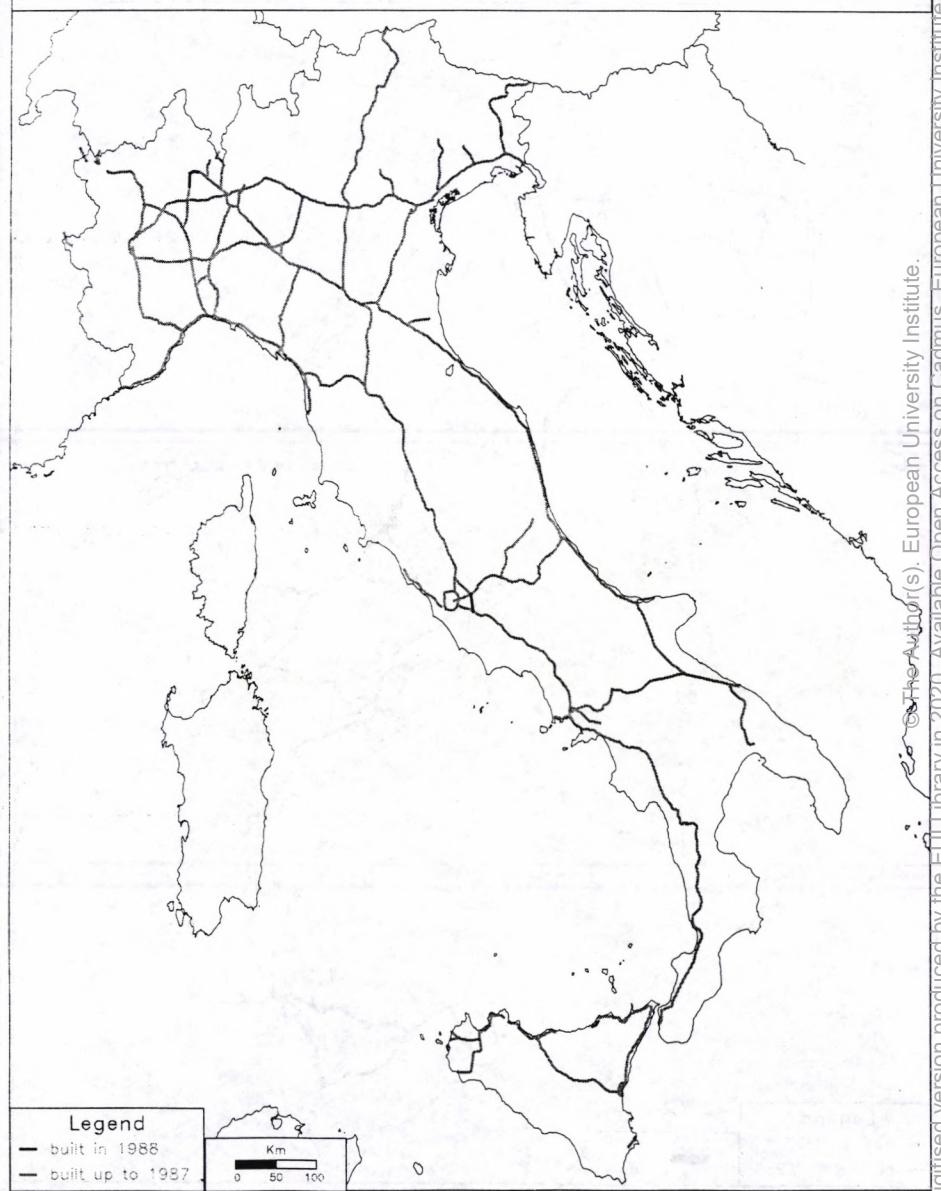


Fig.47: Italian highway network, 1989.

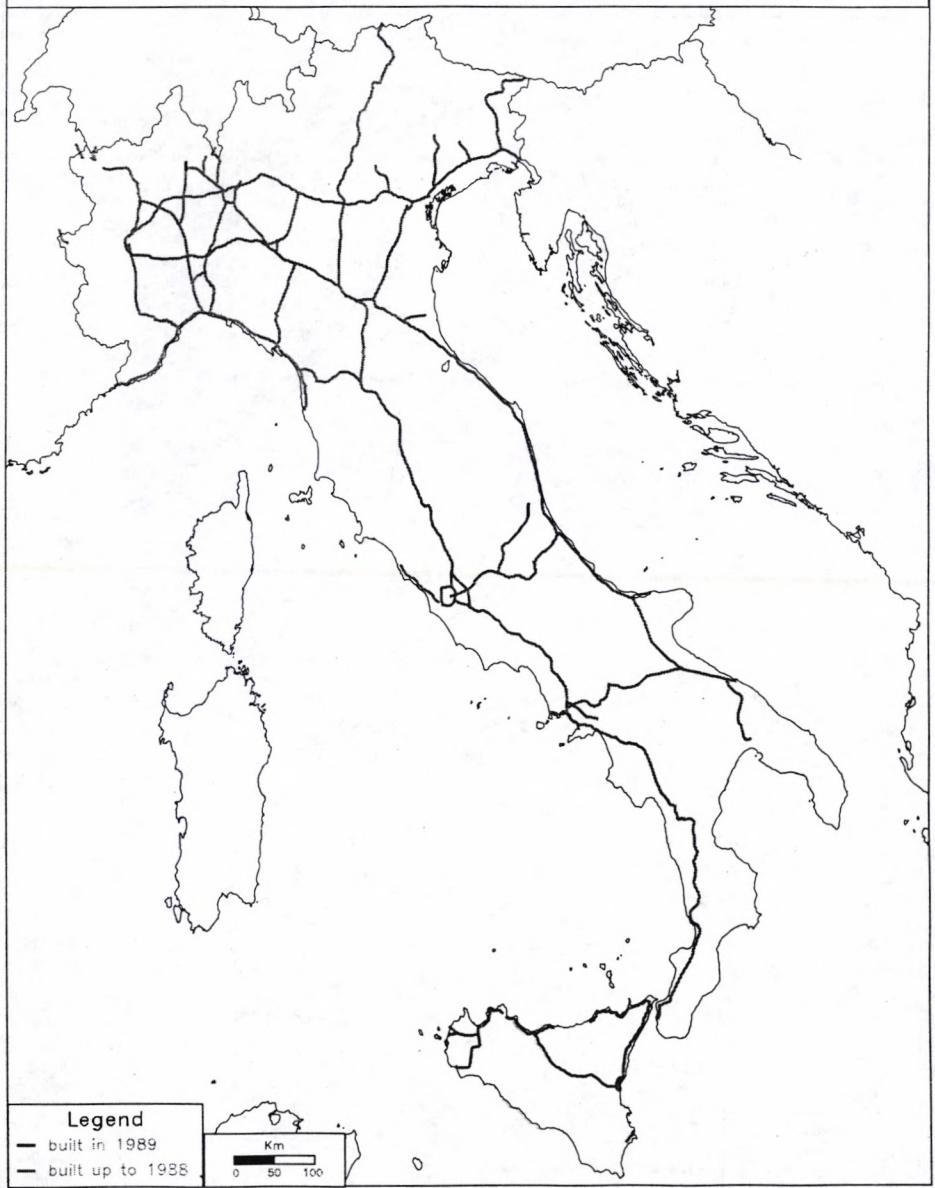


Fig.48: Italian highway network, 1990.

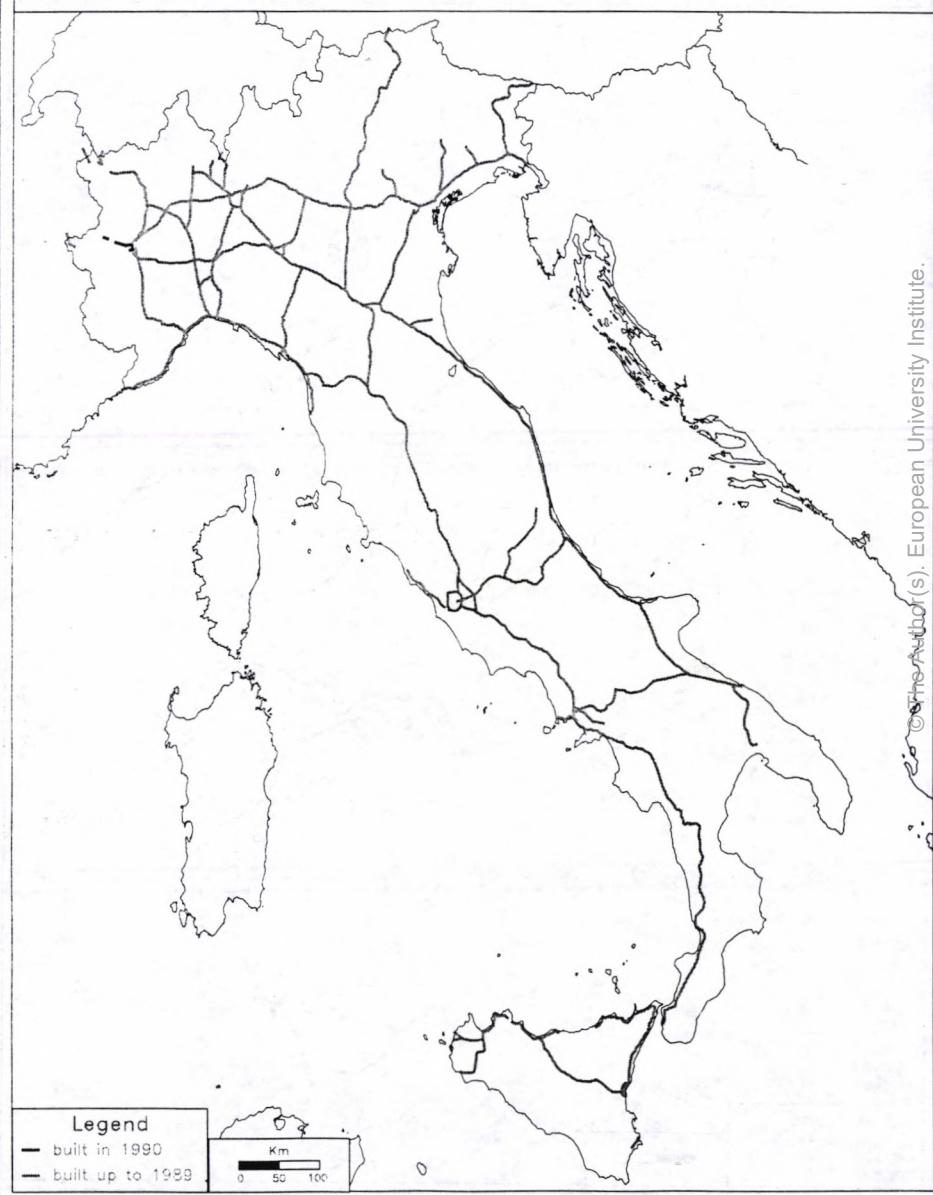


Fig.49: Italian highway network, 1991.

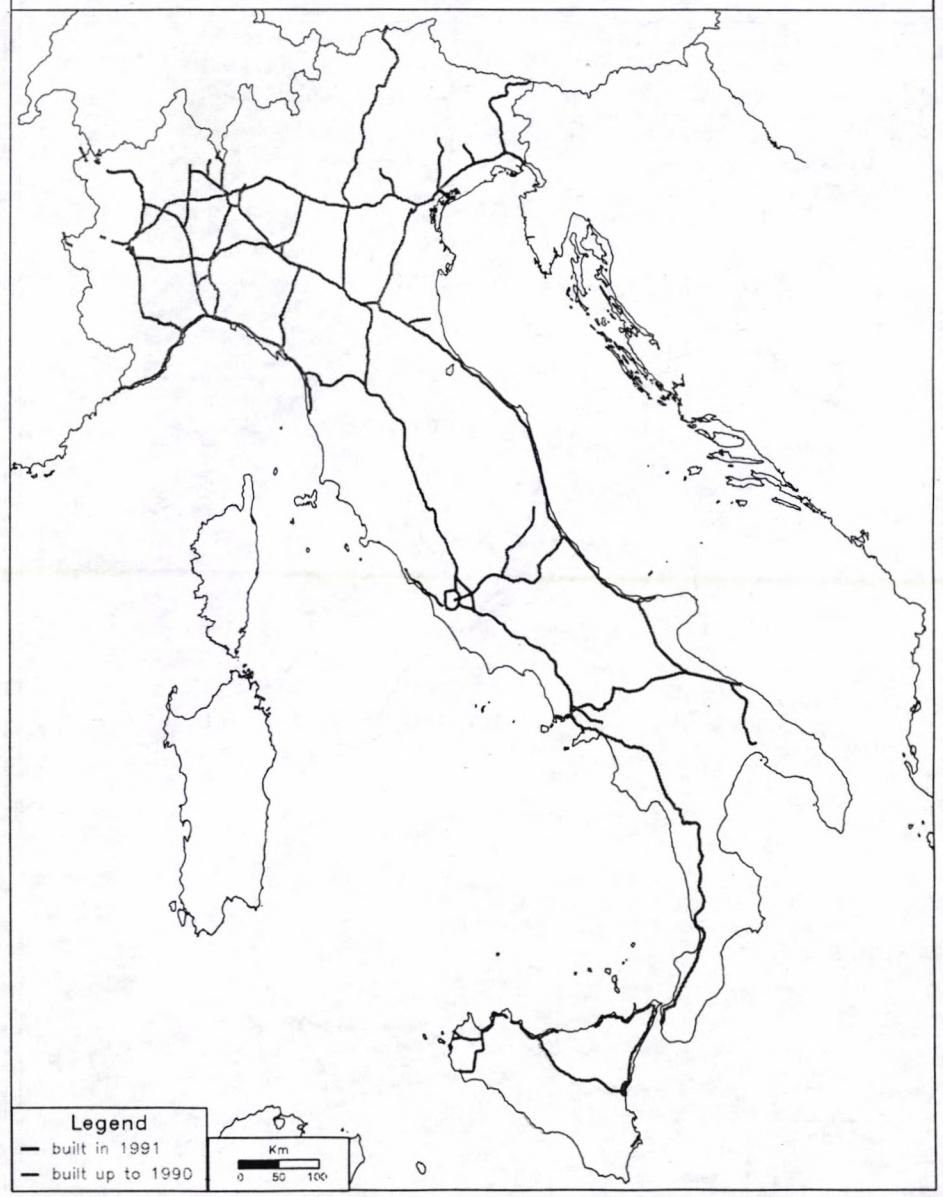


Fig.50: Italian highway network, 1992.

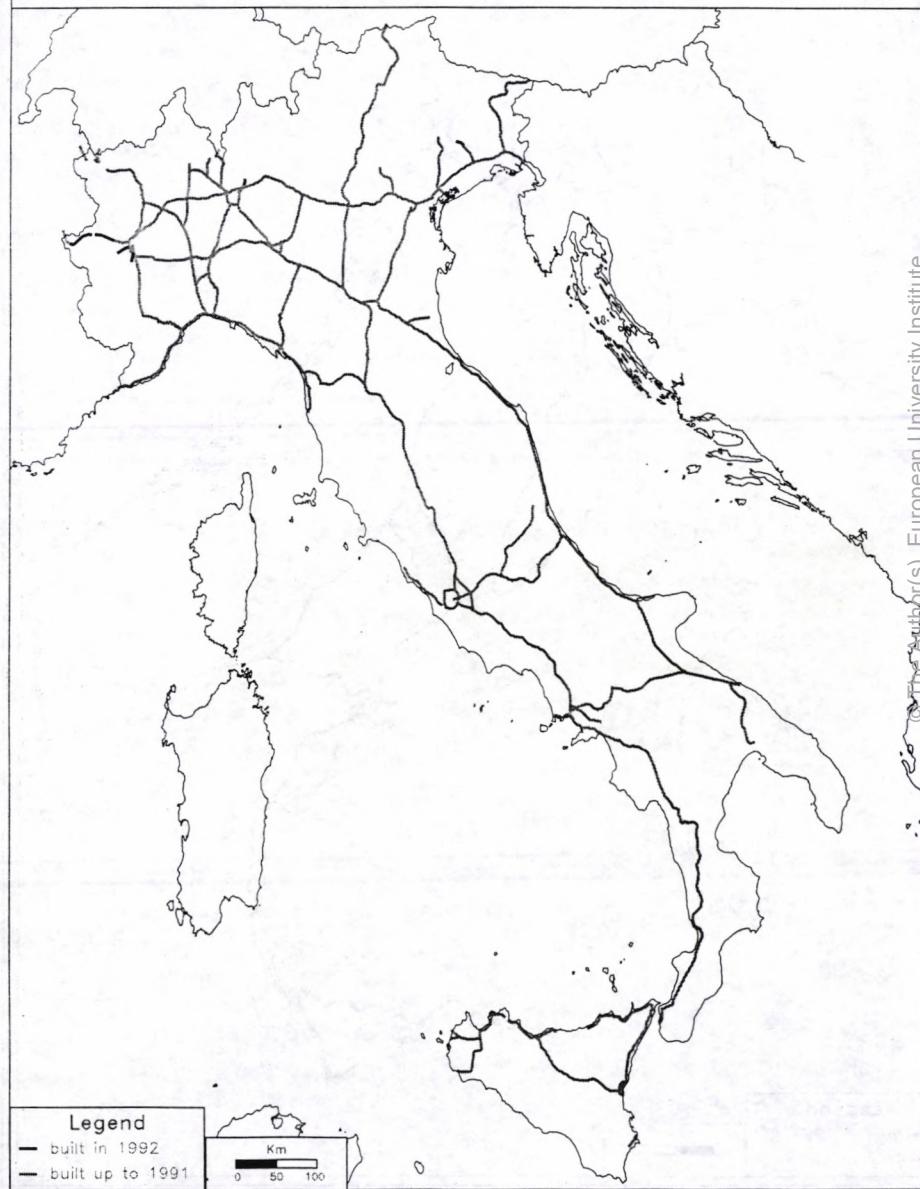
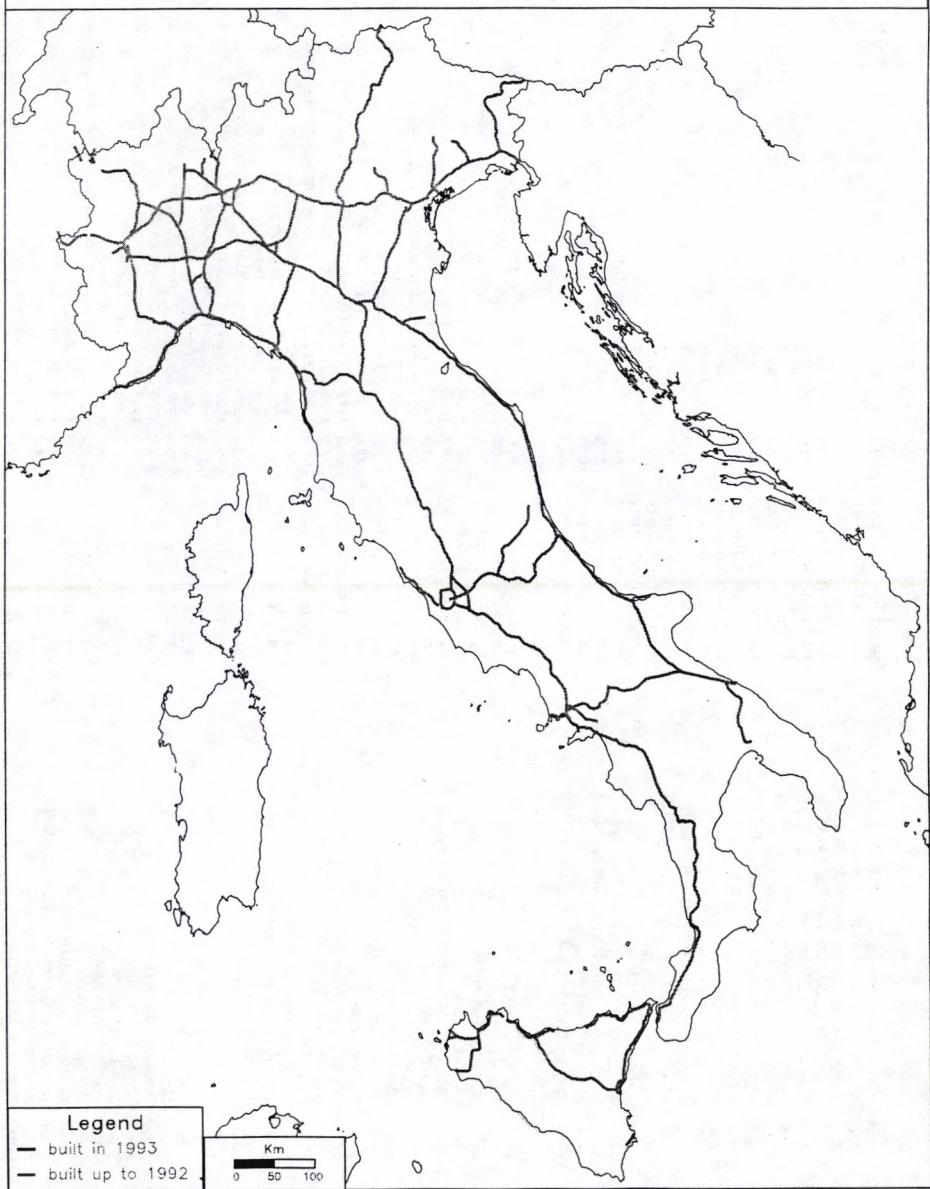


Fig.51: Italian highway network, 1993.



KM LENGTH OPEN CONCESSION

ID	SECTION	NAME	KM LENGTH
I-612	A14(CIVITANOVA MARCHE)-MACERATA-TOLENTINO	RACC AUTOSTRADALE	40.0
I-610	A1(CORTÉ)-VITERBO-CASTELL' D'ASSO	RACC AUTOSTRADALE	36.0
I-611	A14(S.BENEDETTO DEL TRONTO)-ASCOLI PICENO	RACC AUTOSTRADALE	29.0
I-614	FUMICINO-A12-RACC ANULARE-ROMA	RACC AUTOSTRADALE	17.0
I-613	A14(FANO)-FOSSOMBRONE	RACC AUTOSTRADALE	29.0
I-608	A1(BETTOLI)-PERUGIA	RACC AUTOSTRADALE	54.0
I-615	A16(CASTELLO DI LAGO)-BENEVENTO	RACC AUTOSTRADALE	17.0
I-609	A3(SALERNO)-A30(FISCIANO)-AVELLINO	RACC AUTOSTRADALE	31.0
I-616	A1(ORTE)-TERNI	RACC AUTOSTRADALE	33.0
I-606	A1-TANG. BOLOGNA	RACC AUTOSTRADALE	11.0
I-607	A1-AREZZO	RACC AUTOSTRADALE	14.0
I-619	A14(PESCARA OVEST)-CHIETI-I-25(CHIETI)	RACC AUTOSTRADALE	24.0
I-600	TORINO-CASELLE TORINESE(AEROPORTO)	RACC AUTOSTRADALE	17.0
I-602	A4(VILLESE)-GORIZIA	RACC AUTOSTRADALE	18.0
I-601	A7(BERGAMODO)-PAVIA	RACC AUTOSTRADALE	11.0
I-605	A1(VAL DI CHIANA)-PERUGIA	RACC AUTOSTRADALE	58.0
I-603	A1(3)FERRARA SUD)-PORTO GARIBOLDI	RACC AUTOSTRADALE	58.0
I-604	FIRENZE CERTOSA-SIENA	RACC AUTOSTRADALE	61.0
I-618	A3(LAMEZIA TERME)-MARCELLINARIA(CATANZARO)	RACC AUTOSTRADALE	18.0

I-2	LAINATE - GALLARATE	AB: MILANO-LAGHI	20.6	1924 SOC. AUTOSTRADE(ANAS UNTILL 1962)
I-1	MILANO - LAINATE	B: MILANO-LAGHI	8.0	1924 SOC. AUTOSTRADE(ANAS UNTILL 1962)
I-4	GALLARATE - VARESE	A8: MILANO-LAGHI	8.0	1924 SOC. AUTOSTRADE(ANAS UNTILL 1962)
I-3	LAINATE - COMO	A9: MILANO-LAGHI	27.0	1925 SOC. AUTOSTRADE(ANAS UNTILL 1962)
I-5	GALLARATE-AB26(SESTO CALENDE)	AB: MILANO-LAGHI	19.0	1925 SOC. AUTOSTRADE(ANAS UNTILL 1962)
I-6	MILANO-BERGAMO	A4	39.9	1927 SOC. AUTOSTRADE(ANAS UNTILL 1962)
I-96	A4(VENEZIA)-AB9/NAPOLI - POMPEI	A4	13.0	1927 SOC. AUTOSTRADE(ANAS UNTILL 1962)
I-12	POMPEI-CASTELLAMARE DI STABIA	A3	17.6	1929 AUTOSTRADE MERIDIONALI
I-13	BERGAMO-BRESCIA	A3	5.8	1929 AUTOSTRADE MERIDIONALI
I-7	FIRENZE - PIEMONTE	A4	48.8	1931 SOC. AUTOSTRADE(ANAS UNTILL 1962)
I-97	A8/B4(M TORINO)	A4	22.3	1932 SOC. AUTOSTRADE(ANAS TILL60/AUT. FIRENZE-MARE TILL62)
I-9	PISTOIA-LUCCA	A11; FIRENZE-MARE	4.2	1932 SOC. AUTOSTRADE TORINO-MILANO
I-30	A26(BIANDRATE)-MILANO	A11; FIRENZE-MARE	38.2	1932 SOC. AUTOSTRADE(ANAS TILL60/AUT. FIRENZE-MARE TILL62)
I-29	A26(SANTHAIA)-A26(BIANDRATE)	A4	46.0	1932 AUTOSTRADE TORINO MILANO
I-28	TORINO-A26(SANTHAIA)	A4	28.0	1932 AUTOSTRADE TORINO MILANO
I-34	A13(PADOVA)-MESTRE	A4	41.0	1932 AUTOSTRADE TORINO MILANO
I-28	LUCCA - PISA	A11; FIRENZE-MARE	23.3	1933 SOC. AUTOSTRADE DI VENEZIA-PADOVA
I-11	GENOVA-SERRAVALLE SCRIVIA	A11; FIRENZE-MARE	15.0	1933 SOC. AUTOSTRADE(ANAS TILL60/AUT. FIRENZE-MARE TILL62)
I-257	A26(VOLTUR-ARENZANO	A7	50.0	1935 SOC. AUTOSTRADE(ANAS UNTILL 1962)
I-259	ARENZANO-VARAZZE	A10	8.0	1936 AUTOSTRADA DE' FIORI
I-260	VARAZZE-CELLE LIGURE	A10	6.0	1937 SOC. AUTOSTRADE (ANAS TILL '62)
I-48	I-26(A21(TORTONA)	A7	5.0	1938 SOC. AUTOSTRADE (ANAS TILL '62)
I-14	MILANO-PIACENZA	A1/AUT. DEL SOLE	10.0	1938 AUTOSTRADE SERRAVALLE-MILANO-PONTE CHIASSO
I-15	PIACENZA-A15(PARMA)	A1/AUT. DEL SOLE	54.0	1938 SOC. AUTOSTRADE
I-47	SERRAVALLE-A26	A7	44.0	1938 SOC. AUTOSTRADE
I-104	A30(CASERTA)-A16(CAPODICHINO-BARRA)	A1	12.0	1938 AUTOSTRADA SERRAVALLE-MILANO-PONTE CHIASSO
I-103	A16(CAPODICHINO-BARRA)-NAPOLI	A1	16.0	1939 SOC. AUTOSTRADE
I-103	CAPUA-A30(CASERTA)	A1	5.1	1939 SOC. AUTOSTRADE

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I-17	A22(MODENA)-BOLOGNA	33.0 1959 SOC.AUTOSTRADE
I-16	A15(PARMA)-A22(MODENA)	53.0 1959 SOC.AUTOSTRADE
I-261	CELLE LIGURE-ALBISOLA	5.0 1960 SOC.AUTOSTRADE (ANAS TILL 62)
I-51	A2(TORTONA)-MILANO	62.0 1960 AUTOSTRADA TORINO-IVREA-MILANO-PONTE CHIASSO
I-306	SASSO MARCONI-FIRENZE	79.0 1960 SOC.AUTOSTRADE
I-40	TORINO-A4(IVREA)	35.0 1961 AUTOSTRADA TORINO-IVREA-VALLE D'AOSTA
I-41	A4(IVREA)-QUINCINETTO	16.1 1961 AUTOSTRADA TORINO-IVREA-VALLE D'AOSTA
I-24	POMPEI-SALERNO	24.0 1961 AUTOSTRADE MERIDIONALI
I-22	ROMA-FROSINONE	63.0 1962 SOC.AUTOSTRADE
I-31	A2(BRESCIA)-A22(VERONA)	54.0 1962 AUTOSTRADA BRESCIA-VERONA-VICENZA-PADOVA
I-33	A3(VICENZA)-A13(PADOVA)	29.0 1962 AUTOSTRADA BRESCIA-VERONA-VICENZA-PADOVA
I-23	FROSINONE-CAPUA	95.0 1962 SOC.AUTOSTRADE
I-32	A22(VERONA)-A31(VICENZA)	55.0 1962 AUTOSTRADA BRESCIA-VERONA-VICENZA-PADOVA
I-307	FIRENZE CERTOSA-A11(FIRENZE NORD)	62.0 1963 SOC.AUTOSTRADE
I-309	ORTA FIRENZE CERTOSA	16.0 1963 SOC.AUTOSTRADE
I-243	ST OYEN-BOURG ST BERNARD	197.0 1964 SOC.AUTOSTRADE
I-175	A29(CARINI)-PUNTA RAISIA(AEROPORTO RECCO-RAPALLO)	16.3 1964 SOC.IT.TRAFORO DEL GRAN SAN BERNARDO
I-265	CEVA-FOSANO	7.0 1965 ANAS
I-44	COURMAYEUR-CHAMONIX	A12 5.0 1965 SOC.AUTOSTRADE
I-248	A1(NAPOLI)-A30(NOLA)	A6 32.0 1965 AUTOSTRADA TORINO-SAVONA
I-247	A23(PALMANOVA)-TRIESTE MIRAMARE	A6 11.6 1965 SOC.IT.PER IL TRAFORO DEL MONTE BIANCO
I-38	BOLOGNA-A24(MOLLA)	A16 17.0 1966 SOC.AUTOSTRADE
I-64	SANTA TRADA-REGGIO DI CALABRIA	A4 31.0 1966 AUTOVIE VENETE
I-205	EBOLI-CAMPAGNA	A14 35.0 1966 SOC.AUTOSTRADE
I-77	A30(NOLA)-AVELLINO	A3 16.0 1966 ANAS
I-264	NERVI-RECCO	A16 34.0 1966 SOC.AUTOSTRADE
I-132	A4(PALMANOVA)-UDINE SUD	A12 11.0 1966 SOC.AUTOSTRADE
I-61	BOLOGNA-RACCA-AUTOSTRADE(FERRARA SUD)	A23 21.1 1966 AUTOVIE VENETE
I-66	A6(SAVONA)-ALBISOLA	A10 9.0 1966 SOC.AUTOSTRADE (ANAS TILL 1962)
I-71	A16(CANOSA)-BARI NORD	A14 70.0 1966 SOC.AUTOSTRADE
I-202	A30(SALERNO)-EBOLI	A3 26.0 1966 ANAS
I-39	A4(SANT'ANNA)-A5(IVREA)	A4/5 33.6 1966 AUTOSTRADA TORINO-IVREA-VALLE D'AOSTA
I-61	BOLOGNA-RACCA-AUTOSTRADE(FERRARA SUD)	A13 33.0 1966 SOC.AUTOSTRADE
I-66	A24(MOLLA)-RIMINI	A14 33.0 1966 SOC.AUTOSTRADE
I-219	FALERNA-PIZZO	A3 34.0 1966 ANAS
I-263	A7(GENOVA)-NERVI	A12 7.0 1967 SOC.AUTOSTRADE
I-55	A26(VOLTERRA)-A7(GENOVA)	A10 16.0 1967 SOC.AUTOSTRADE (ANAS TILL 1962)
I-215	TARSIUS-ROSE	A3 19.0 1967 ANAS
I-249	CIVITAVECCHIA-ROMA	A12 65.4 1967 SOC.AUTOSTRADE
I-301	A1-A13	A3 27.8 1967 SOC.AUTOSTRADE
I-207	CAMPAGNA-CONTURSI	A3 10.0 1967 ANAS
I-91	A4-A8	A12 5.0 1967 AUTOSTRADA SERRAVALLE-MILANO-PONTE CHIASSO
I-37	A23(PALMANOVA)-LATISANA	A4 24.0 1967 AUTOVIE VENETE
I-90	A7-A4	A3 16.4 1967 AUTOSTRADA SERRAVALLE-MILANO-PONTE CHIASSO
I-222	ROSSARNO-GIOIA TAURO	A3 11.0 1967 ANAS
I-221	ALTO MESIMA-ROSARNO	A3 25.0 1967 ANAS
I-59	A1-59	A12 15.0 1967 AUTOSTRADA LIGURE TOSCANA
I-98	A14-A13	A12 8.0 1967 SOC.AUTOSTRADE
I-266	RAPPALO-CHIAVARI	A12 10.0 1968 SOC.AUTOSTRADE
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I-277	RIMINI SUD-PESARO	A14 28.0 1968 SOC.AUTOSTRADE
I-106	LATISANA-A28(POTOGUARAO)	A4 13.0 1968 SOC.AUTOSTRADE
I-213	SIBARI-SPEZZANO TERME	A3 12.0 1968 ANAS

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I-57	SESTRI LEVANTE-A15(LA SPEZIA)	A5

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I-46	A21(LA ROTTÀ)-TORINO	8.0 1971 AUTOSTRADA TORINO-SAVONA 37.0 1971 AUTOSTRADA DEL BRENNERO
I-131	PEGNOGNA-A1(MODENA)	5.0 1971 AUTOSTRADA SERRAVALLE-MILANO-PONTE CHIASSO
I-92	A1-FORLANINI	14.0 1971 SOC.AUTOSTRADE
I-49	COMO-CHIASSO	14.0 1971 CONSORZIO AUTO TRADE MESSINA-CATANIA-SIRACUSA
I-80	A20(MESSINA)-A19(CATANIA NORD)	58.0 1971 AUTOSTRADA CENTRO PADANE
I-80	DIRAMAZIONE FIORENZUOLA LA VILLA)-A4(BRESCIA)	15.0 1971 AUTOSTRADA DEL BRENNERO
I-114	BARRIERA DOGANALE-VIPITENO	15.0 1971 AUTOSTRADA DEL BRENNERO
I-115	ROVERETO-AFFI	2.0 1972 ANAS
I-227	REGGIO DI CALABRIA-RACCORDO AL PORTO	11.0 1972 SOC.AUTOSTRADE
I-170	VITTORIO VENETO-CONEGLIANO	9.1 1972 SOC.AUTOSTRADE DI VENEZIA-PADOVA
I-35	MESTRE-A27(VENEZIA)	10.0 1972 SOC.AUTOSTRADA DEL BRENNERO
I-118	LE CAVE-VARNA	10.0 1972 SOC.AUTOSTRADE
I-70	FOGGIA-A16(CANOSA)	12.0 1972 AUTOSTRADA TORINO-IVREA-VALLE D'AOSTA
I-100	A21-46(ORBASSANO)-(SS20)	9.3 1972 TANGENZIALE DI NAPOLI S.p.A.
I-246	FLORIGROTTA-SS DOMIZIANA(POZZUOLI)	14.0 1972 AUTOSTRADA DEL BRENNERO
I-122	LE CAVE-VARNA	14.0 1972 SOC.AUTOSTRADE
I-171	CONEGLIANO-A4(MESTRE)	42.0 1972 SOC.AUTOSTRADE
I-224	BAGNARA CALABRA-SCILLA	11.0 1972 ANAS
I-288	TUGO-MONTELUNGO	8.0 1972 AUTOCAMIONALE DELLA CISAL
I-197	MESSINA BOCCETTA-DIVIETO	14.0 1972 CONSORZIO AUTO STORADE MESSINA-PALERMO
I-245	CAMADOLI-FIORIGROTTA	3.7 1973 TANGENZIALE DI NAPOLI S.p.A.
I-10	LUCCA-VIAREGGIO	21.5 1973 SOC.AUTOSTRADA LIGURE-TOSCANA
I-68	ANCONA-A25(PESCARA)	133.8 1973 SOC.AUTOSTRADE
I-94	COLOGNO-A4(VENEZIA)	8.0 1973 AUTOSTRADA SERRAVALLE MILANO-PONTE CHIASSO
I-93	FORLAINI-COLIGNO	7.2 1973 AUTOSTRADA SERRAVALLE-MILANO-PONTE CHIASSO
I-287	ROCCAPREBALZA-TUGO	4.0 1973 AUTOCAMIONALE DELLA CISAL
I-169	VITTORIO VENETO-SS51	8.0 1973 SOC.AUTOSTRADE
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I-192	A21(VILLA)-A1(FIORIENZOULA)	12.0 1973 AUTOSTRADA CENTRO PADANE
I-198	DIVIETO-PATTI	45.0 1973 CONSORZIO AUTO STORADE MESSINA-PALERMO
I-101	ORBASSANO (SS20)-A32	8.0 1973 AUTOSTRADA TORINO-IVREA-VALLE D'AOSTA
I-73	A14(IMOLA)-RAVENNA	34.0 1973 SOC.AUTOSTRADE
I-281	VASTO SUD-FOGGIA	100.0 1973 SOC.AUTOSTRADE
I-113	A1(Piacenza)-DIRAMAZIONE FIORENZUOLA	16.0 1973 AUTOSTRADA CENTRO PADANE
I-186	A18(MESSINA SUD)-MESSINA BOCCETTA	8.0 1974 CONSORZIO AUTO STORADE MESSINA-PALERMO
I-120	CHIUSA-BOLZANO	32.0 1974 AUTOSTRADA DEL BRENNERO
I-128	AFFLAE(VERONA)	32.0 1974 AUTOSTRADA DEL BRENNERO
I-214	SPEZZA TERME-TARSI	5.0 1974 ANAS
I-172	A4(PORTOGUERRAO)-PORDENONE	21.0 1974 AUTOVIE VENETE
I-172	BUONABITACOLO-LAGONEGRO	21.0 1974 ANAS
I-210	ROSE-COSENA	14.0 1974 ANAS
I-216	GHIARE-ROCCAPREBALZA	6.0 1974 AUTOCAMIONALE DELLA CISAL
I-84	A19(BUONFORNELL)-CEFALU'	15.0 1974 CONSORZIO AUTO STRADE MESSINA-PALERMO
I-128	A1(CAPODICHINO)-CAMALDOLI	8.7 1975 TANGENZIALE DI NAPOLI S.p.A.
I-138	ROMAI(PORTONACCIO)-GRANDE RACCORDO ANULARE	6.0 1975 SAR/ANAS
I-244	A1(CAPODICHINO)-CAMALDOLI	9.0 1975 TANGENZIALE DI NAPOLI S.p.A.
I-72	BARI NORD-TARANTO	91.0 1975 SOC.AUTOSTRADE
I-155	SCARAF-S55	11.0 1975 SAR/ANAS
I-285	LAQUILA OVEST-LAQUILA EST	5.0 1975 SAR/ANAS
I-84	A1(BUONFORNELL)-A20(BUONFORNELL)	152.9 1975 SAR/ANAS
I-102	A32-ASA-A	15.0 1975 AUTOSTRADA TORINO-IVREA-VALLE D'AOSTA
I-95	A4-VIMERCATE	4.3 1975 AUTOSTRADA SERRAVALLE-MILANO-PONTE CHIASSO
I-181	A1(CASERTA)-A16(NOLI)	20.0 1975 SOC.AUTOSTRADE
I-272	A15(LA SPEZIA)-FORNOLA	8.0 1975 AUTOSTRADA TIRrenica

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I-289	MONTELUNGO-PONTREMOLI	A15	110 1975 AUTOCAMIONALE DELLA CISALINOLA-RACC.SALERNO/AVELLINO(FISCIANO)
I-304	A16(OLIA)-RACC.AUTOSTRADALE(SALERNO)	A30	35.0 1976 SOC.AUTOSTRADE
I-151	AVEZZANO-CELANO	A30	36.0 1976 SOC.AUTOSTRADE
I-174	PALERMO-DIRAMAZIONE PUNTA RAISI(CARINI)	A25	13.0 1976 SAR/ANAS
I-179	DIRAM.BIRGI VECCHIDATTILO-TRAPANI	A29	11.0 1976 SAR/ANAS
I-176	DIRAM.TRAPANI(ALCAMO)-MAZARA DEL VALLO	A29	14.0 1976 ANAS
I-177	I-177 DIRAM.PUNTA RAISI-DIRAM.TRAPANI(ALCAMO)	A29	52.0 1976 ANAS
I-180	A29(DATTILO)-BIRGI VECCHI	A29	14.0 1976 ANAS
I-159	A28(PREDOSA)-A7	A26/67	17.0 1976 SOC.AUTOSTRADE
I-158	OVADE-A287(PREDOSA)	A26	15.0 1976 SOC.AUTOSTRADE
I-159	A29(ALCAMO)-DIRAM.BIRGI VECCHI(DATTILO)	A29	28.0 1976 ANAS
I-154	TORRE DEI PASSERI-SCAFATORE	A25	9.0 1976 SAR/ANAS
I-183	A4(VICENZA)-PIOVENE ROCCHETTE	A31	36.4 1976 AUTOSTRADA BS-VI-PD (VALDASTICO TILLBS)
I-157	A10(VOLTRE)-OVADE	A26	31.0 1977 SOC.AUTOSTRADE
I-155	CEFALU'-GIBILMANNA	A20	4.0 1977 CONSORZIO AUTO TRADE MESSINA-PALERMO
I-160	A26/7(PREDOSA)-A21(ALESSANDRIA)	A26	21.0 1977 SOC.AUTO TRADE
I-200	BROLLO-ROCCA DI CAPRILEONE	A20	14.0 1977 CONSORZIO AUTO STARDE MESSINA-PALERMO
I-199	PATTI-BROLLO	A20	17.0 1978 CONSORZIO AUTO STARDE MESSINA-PALERMO
I-162	A26(STROPPIANA)-A4(SANTHIA')	A26/4	29.5 1978 SOC.AUTOSTRADE
I-228	A21(ALESSANDRIA)-STROPPIANA	A26	38.0 1978 ANAS
I-152	CELANO-BUSIUS(POLI)	A25	48.0 1978 SAR/ANAS
I-153	BUSIUS-TORRE DEI PASSERI	A25	8.0 1978 SAR/ANAS
I-135	UDINE-NORD-CARNIA	A23	34.0 1979 SOC.AUTOSTRADE
I-147	L'AQUILA EST-ASSERGI	A24	10.0 1979 SAR/ANAS
I-190	BARDONECCHIA-MODANE	TRAFORO DEL FREJUS	12.9 1980 SOC. IT.TRAFORO AUTOSTRADALE DEL FREJUS (p.A./ANAS)
I-192	A24(LUNGHEZZA)-A1 DIRAMAZIONE	G.R.A.	8.0 1981 ANAS
I-194	A1 DIRAMAZIONE-A12(LUNGHEZZA)	G.R.A.	21.0 1981 ANAS
I-191	A12(LUNGHEZZA)-A12(LUNGHEZZA)	G.R.A. DI ROMA	10.0 1981 ANAS
I-195	A12(FUMICINO)-A1(SETTEBAGNI)	G.R.A.	29.0 1983 CONSORZIO AUTO STRADA SIRACUSA-GELA
I-291	SIRACUSA-CASSIBUE	A1B	9.6 1983
I-148	ASSERGI-VILLA VOMANO	A24	39.0 1984 SAR/ANAS
I-136	CARNIA-CHIUSA/FORTE	A23	17.0 1985 SOC.AUTOSTRADE
I-87	A1(BICATANIA)-A19(CATANIA)	A23	19.5 1985 ANAS
I-137	CHIUSA/FORTE-TARVISIO	A23	38.0 1986 SOC.AUTOSTRADE
I-191	A1(FINAO)-A24(LUNGHEZZA)	A1-AUT. DEL SOLE	32.0 1987 SOC.AUTOSTRADE
I-165	A4(BIANDRONICO)-ROMAGNANO GHEMME	A26	16.0 1987 SOC.AUTOSTRADE
I-189	SAVOULX-BARDONECCHIA	A32	20.3 1987 SOC. IT.TRAFORO AUTOSTRADALE DEL FREJUS (p.A./ANAS)
I-163	A26/4(STROPPIANA)-MABIANCHI DIRE	A26	25.0 1987 SOC.AUTOSTRADE
I-201	ROCCA DI CAPRILEONE-S.AGATA DI MILITELLO	A20	9.0 1988 CONSORZIO AUTO STARDE MESSINA-PALERMO
I-166	ROMAGNANO GHEMME-A8/28(GATTICO)	A1-AUT. DE - SOLE	16.0 1988 SOC.AUTOSTRADE
I-21	A24(LUNGHEZZA)-SANCESAREO	A26	13.0 1988 SOC.AUTOSTRADE
I-167	A26(GATTICO)-ABISESTO CALENDE)	A26	13.0 1988 SOC.AUTOSTRADE
I-133	UDINE SUD/UDINE NORD	A23	10.0 1988 AUTOVIE VENETE
I-168	A28(GATTICO)-ARONA	A26	5.4 1989 SOC.AUTOSTRADE
I-149	VILLA VOMANO-TERAMO	A24	10.0 1989 SAR/ANAS
I-251	TANG.TORINO-IVREA-VALLE D'AOSTA	TANG.TORINO	3.4 1990 AUTOSTRADA TORINO-IVREA (p.A./ANAS)
I-186	BORGONE-BRUZOLO	A32	5.0 1990 SOC. IT.TRAFORO AUTOSTRADALE DEL FREJUS (p.A./ANAS)
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I-250	A4 A27 TANGENZIALE MESTRE-AEROPORTO MARCO POLO	TANG.MESTRE	9.4 1991 SOC.AUTOSTRADE VENEZIA-PADOVA

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