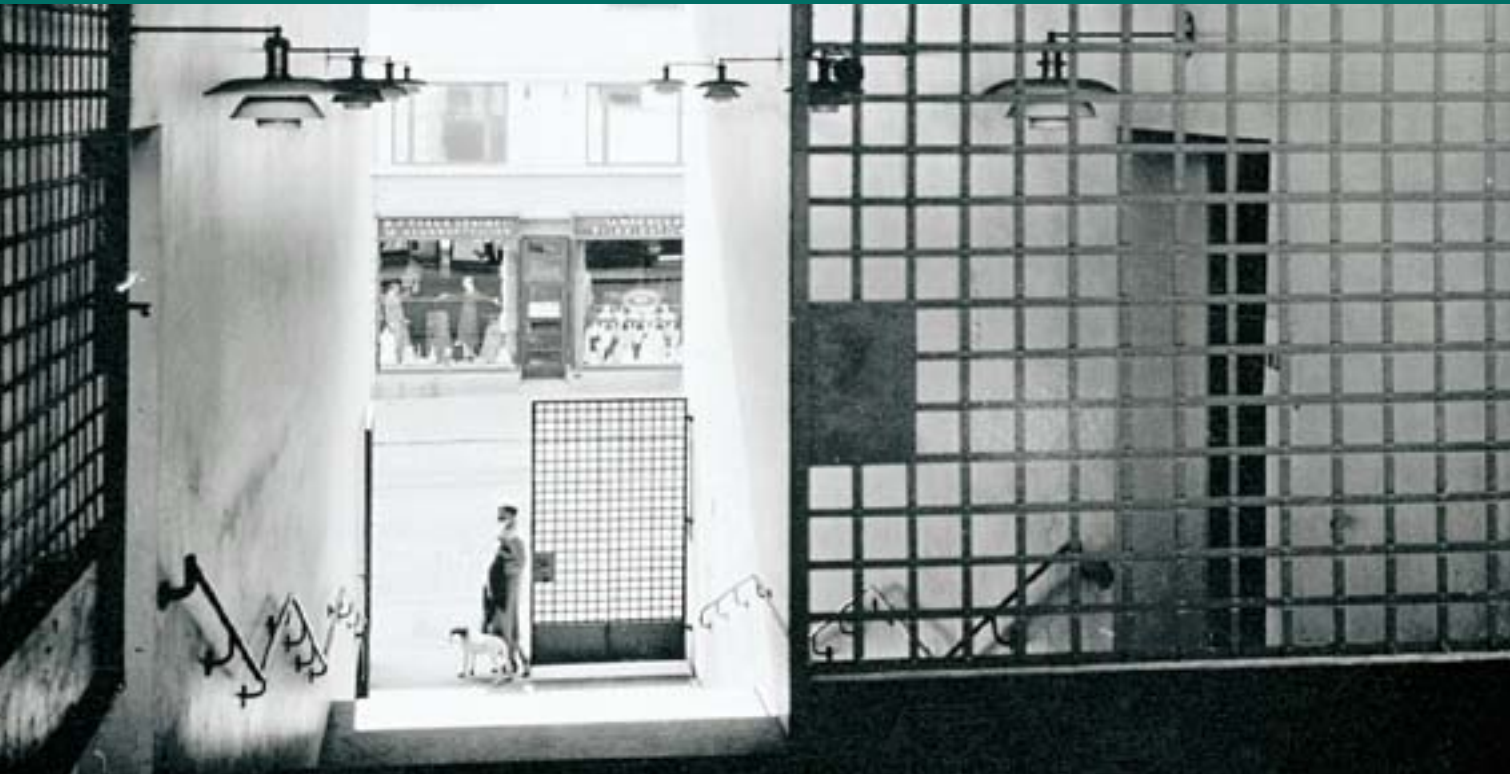


# THE FINNISH ARCHITECTURAL POLICY

The Government's architectural policy programme 17 December 1998



Ministry of Education appointed on 8 February 1996 a committee lead by professor Tore Tallqvist to prepare the Finnish Architectural Policy Programme. Draft programme was finished on 30 May 1997 (Ehdotus valtioneuvoston arkkitehtuuripoliittiseksi ohjelmaksi, OPM työryhmien muistioita 21/97).

After an extensive round of comments the Ministry of Education appointed on 20 January 1998 the second architectural policy committee lead by Pekka Laatio, architect. The proposal for the programme was completed on 16 June 1998 (OPM työryhmien muistioita 11:98) and the government's architectural policy worked out on its basis was approved by the Council of State on 17 December 1998.

National Council for Architecture decided to publish the text of the government's architectural policy with illustrations.

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## Foreword

Practical, durable, beautiful. Architecture creates culture from these values. What has been valued in the society in different periods can be seen in the built environment. The values of today can also be seen tomorrow. That is precisely why architecture is so important and so interesting.

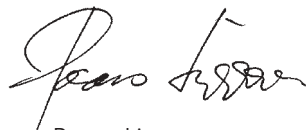
In its architectural policy the government is defining the goals for action to be taken by the public authorities in order to enhance architecture. In addition to the programmatic guidelines it includes many concrete proposals for specific actions. I believe that it will be a good basis for more detailed future actions. A special aim is to create opportunities for the realisation of the citizens' rights in regard to the good environment which have been defined in our constitution. This needs information about architecture and built environment together with means to influence it. The reformed land use and building legislation means a shift of decision powers in many issues from central government closer to the citizens.

The architectural policy emphasises both the citizens' right and duty to take responsibility of their own environments. This is why architectural education and information about architecture needs to be enhanced.

Other important goals of the policy are:

- to raise the quality of public building and property management to a higher level and thus set an example to the whole construction sector in our country
- to promote the use of methods which will advance good architecture and high quality building
- to enhance innovation through professional architectural education and through research and development work
- to enhance the conservation of our architectural heritage and development of the environments as a part of cultural history and architecture.

Finland is famous for its many internationally acclaimed architects. Because of this it is an extraordinary pleasure that the government's architectural policy was ratified in the very year when we were celebrating the 100th anniversary of our greatest and best known architect, Alvar Aalto.

A handwritten signature in black ink, appearing to read 'Paavo Lipponen', with a stylized, cursive script.

Prime Minister Paavo Lipponen

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Maija Niemelä



## 1 THE AIM OF ARCHITECTURAL POLICY

The purpose of the government's architectural policy is to define its architectural frameworks and goals for subsequent implementation by the public authorities. Its architectural policy establishes guidelines for the protection of our architectural heritage, and for the maintenance and enhancement of the value of our existing building stock. It also provides opportunities for improving the existing high architectural standards of building as well as creating a suitable climate to enable our construction sector to compete effectively in a wider international setting.

The societal, cultural and economic values of architecture are great. It is an important part of our national culture. It provides the means by which to create a good living environment - which every citizen has the right to enjoy - as well as high quality architecture. It is the duty of every public body to realise this right. Architectural policy aims to improve constructional quality, and it gives meaning to the principles of sustainable development in land use planning and building construction. In addition, it fosters transparency and interaction between interested parties. These are also central goals of the new land use and building legislation reforms currently being put into place.

### 1.1 What is architecture ?

The classical definition of architecture rests on three corner stones: utility, durability and beauty. These three foundations remain as valid today as they ever were, though modern approaches have added new dimensions to them.

Utility comprises functionality, practicality and efficient use of resources. Durability has evolved from merely the strength of structures to include ecological sustainability as well. However, greater emphasis needs to be put on the qualities of beauty and comfort in urban environments than occurs today.

Architecture is about time and place. Time connects buildings and their surroundings and creates a cultural heritage and history. Place gives meaning to the relationships between architecture and its immediate setting and the natural environment.

Architecture is created through, among other things, scale, forms, spatial relationships, structuring, choice of materials, detailing and careful execution. Architecture

#### 1. BIRD WATCHING STATION, LIMINGANLAHTI NATURE CENTER.

*Natural conditions and architecture together constitute cultural landscape which expresses the heritage and values of the community. Sea has provided for the local people as well as for the birds. The Liminganlahti bird sanctuary is part of EU's Natura programme. The building, respectful of nature, has been realised partly through EU funding.*

*Maija Niemelä and Pentti Myllymäki, 1998.*

is important because the built environment forms the physical framework for human activity with architecture having a central role in deciding its quality. Moreover, architecture carries strong meanings, thus creating national and local identities.

Buildings always have long term effects and that is why architecture creates permanent values.

The cultural environments of towns and countryside are our wealth, and there are age layers in our towns which must be preserved. The cultural landscape which the buildings and the natural environment together form is an essential part of the value of the countryside.

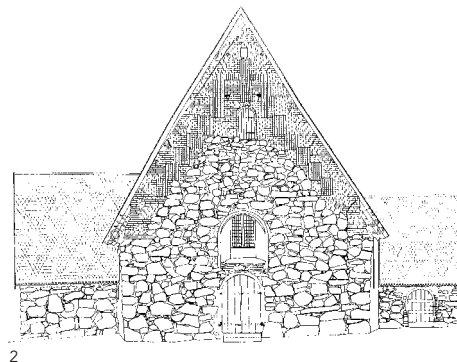
## 1.2 A good environment is a basic right of every citizen

Greater environmental awareness and appreciation of the natural environment has changed the relationship between people and their surroundings and has increased the need for both sustainable life styles and sustainable physical environments.

Our constitution guarantees everyone fundamental rights to a healthy environment, and an opportunity to influence decision-making regarding the environment. However, it also imposes a responsibility for the environment and our cultural heritage. The government's architectural policy promotes the realisation of these rights.

Genuine opportunity for dialogue between decision-making and the people is an important element in the realisation of a citizen-centred society. Open decision-making systems and well informed and active citizens are needed for this. Popular participation in the processes, especially in matters relating to the immediate environment, has gained importance. In land-use planning and in building, the citizens' independent actions and participation complement the traditional culture of government.

Beyond that, responsibility for the cultural heritage requires that municipal decision-making in planning and building issues pays more attention to the preservation of the cultural and aesthetic values of the existing building stock and immediate environments.



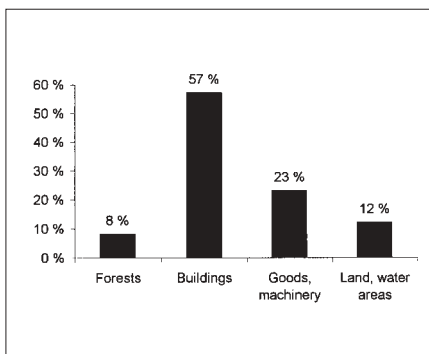
2. ST OLAVI CHURCH IN TYRVÄÄ was one of the most important medieval stone churches in Finland. It was destroyed in a fire immediately after its restoration was completed. Its place in the landscape is so important that it will be rebuilt as it was, partly through voluntary work and funds collected by the citizens.

Drawing: National Board of Antiquities 1996.

3. SUVANTO VILLAGE in Pelkosenniemi was permanently populated already in the 17th century. Traditional country villages all around Finland have gone through many changes in the end of the 20th century. The well preserved old Suvanto river landscape met its destiny in the shape of the raising water level of Kokkosniva hydroelectric plant's discharge basin.

#### 4. NATIONAL WEALTH.

Two thirds of the total national wealth is composed of the built environment. It gives the setting for all economic and production activity - thus it needs to be taken well care of.



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### 1.3 The importance of architecture for national wealth

Two thirds of our fixed national wealth is in buildings and 15 % of the active work force is employed in the construction sector. Moreover, the construction sector makes up approximately 18 % of GDP. During the life time of a building, its maintenance and refurbishment demands funds many times the initial building investment. Good architecture makes a direct contribution to the national wealth. The Finnish construction sector is now part of the European single market. By creating opportunities for the construction of high quality buildings, employment and our economic competitiveness are strengthened in all market areas. This competitiveness can be substantially improved by combining the established reputations of Finnish architecture and Finnish industry.

### 1.4 Importance of the architectural heritage

The core of national and local culture is the built environment, where buildings of different ages complement each other and are adapted to the natural surroundings. Thus is the cultural landscape born and thus develops a good built environment - remaining good also in the future. The essential element of the building culture is a long term technical and artistic activity which moulds the local natural conditions into parts of the cultural landscape. At its best, architecture is a combination of existing achievements and an on-going creative process.

## 2 PUBLIC BUILDING SETTING AN EXAMPLE

### 2.1 The state as an owner of property and as a client

The state is both an important property owner and client. The majority of buildings of national value have either been built by the state or are owned by it. For decades the methods employed by the state building authorities have served as models for the other clients.

All public building must be of high quality. The environmental, building and refurbishment projects which the state carries out or financially supports are required to be sustainable and of high quality in their design and execution. These principles must embrace all state activities, for instance those of the Ministries of Fi-





SRM

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Ilkka Jaakkola

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Jussi Tiainen

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Gretel Hemgard

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SRM / Roos

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Jussi Tiainen

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Simo Rista

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## HIGH QUALITY BUILDING BY THE STATE

### 5. MIKKELI POLICE BUILDING.

Aarno Ruusuvuori, 1968.

### 6. LOGGER'S CANDLE, a bridge in Rovaniemi.

Esko Järvenpää, 1990.

### 7. OULU UNIVERSITY MAIN BUILDING.

Virta, Palaste, Leinonen Architects, 1998.

### 8. RESTAURATION OF THE TERRACED GARDENS AND PERGOLAS IN HVITTRÄSK,

Kauniainen.

Gretel Hemgård, 1994.

### 9. TAMPERE RAILWAY STATION.

Otto Flodin and Eero Seppälä, 1936.

### 10. THE FINNISH EMBASSY IN WASHINGTON D.C.

Mikko Heikkinen and Markku Komonen, 1994.

### 11. RESTAURATION OF THE HOUSE OF THE ESTATES.

Vilhelm Helander, 1991.

nance, Labour, Trade and Industry, and Transport and Communications, because these activities have considerable indirect effects on the quality of the living environment and architecture.

The State Real Property Authority is the most important procurer and maintainer of state properties and it encourages good building procurement practice. It is vitally important to secure the continuity of this setting of high standards into the future. Furthermore, other procuring bodies of the state have the opportunity within their specific functions to act as exemplary procurers. Guidance by way of information and the standards laid down to ensure high quality will be extended to all activities affecting the environment: from the building of roads and waterways, through to technical services, to signposts and lettering, and also to designated green areas.

(Decision 1) The Council of State expects the public and state-supported building and environmental development to set a high quality example for all building in Finland. The State Real Property Authority and other state offices and companies, as well as state-owned enterprises that manage properties must take into account the promotion of good architecture and the environment.

(Decision 2) Considerations of quality and costs of public building must take the whole life cycle into account so that the value of our fixed national wealth remains high, and that its maintenance costs are affordable.

## 2.2 Public funding of building

State investment in its own property and those financed by it is considerable, and it is imperative that when these investments are made their effects on the quality of the citizens' living environment are also considered.

Building and construction investments are long-term. As such all building projects must be designed and realised carefully and professionally, in accordance with the principles of sustainable development. In order to obtain financial support from the state, it should be a requirement that quality targets are attained. Moreover, when the state supports projects where building is only a part of a larger entity, the building work must meet the standards that the state has set for its own projects.

(Decision 3) When public funds are allocated for building and refurbishment investments, the Council of State requires that attention is paid to those aspects affecting the quality of architecture and the environment.

### 3 GUIDANCE AND CONTROL

#### 3.1 Building legislation and other forms of official guidance

As national legislator, the state has both a multifaceted and an extensive responsibility over building and the built environment. Its central tool is the building legislation, the function of which is to define the frameworks and create opportunities for a balanced development of habitats and building, and to encourage the establishment and maintenance of a good living environment.

The totally reformed building legislation will come in to force by the year 2000. The goal is to direct land use planning towards promoting sustainable development, reducing environmental damage and saving natural resources. At the level of practical guidance work, this means putting more emphasis on the quality of building, environmental questions, the life-cycle approach, and promoting refurbishment. The new Land Use and Building Act advances the goals of the architectural policy.

When it is not possible to achieve the desired end result for the protection of the architectural heritage via the Land Use and Building Act, procedures provided in the Building Preservation Act can be used. The Building Preservation Act gives people at the municipal level an opportunity to contribute in the conservation of the essential characteristics of their own living environment.

Many other pieces of legislation have indirect effects on the quality of the living environment. However, it is necessary in the course of the legislative processes to give more attention to the evaluation of their effects on the environment from the point of view of architectural quality.

The general direction of the legislation has been to strengthen the powers of municipalities and in turn to increase popular participation in decision-making. For instance, the reform of the building legislation abolishes the obligation of the mu-



SRM / Kari Hakli

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TKK/arkkitehtuurinrisoria

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Kajia Mattila

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12. One of the first conservational town plans was prepared for the OLD TOWN OF TAMMISAARI in 1950s. The wooden town's character is well preserved. Continuous maintenance guarantees the good condition of the housing dating back to 18th and 19th centuries.

13. WOODEN KÄPYLÄ. The Housing Reform Society wanted to improve the workers' housing conditions following the models of European garden cities. Big common yards, wide boulevards with one and two storey wooden houses have created an environment which still is attractive, alive and functioning. The refurbishment of this area started the conservational refurbishment activity in the wooden parts of our towns. Town plan by Birger Brunila and Otto-livari Meurman, building design by Martti Välikangas, 1925.

14. OLD WOODEN JUUKA is one of the few preserved village environments which were still common in the 1960s. The people in Juuka have wanted to keep the road flanked by old shops in its original form. Since 1993 a regional architect have worked in Lieksa and Juuka municipalities instructing and guiding the municipalities and their inhabitants in questions concerning building and the maintenance of the environment. Through the regional architect operation the Ministry of the Environment has wanted to support the municipalities in hiring professional architects even in the countryside.

municipalities to submit their land use plans to higher authority for approval. As the building legislation develops, regional and local responsibility will be further increased. These and the expectations associated with greater popular decision-making necessitate a strong network of specialist expertise together with adequate resources.

(Decision 4) In the preparation of laws and regulations attention will be paid to the evaluation of the effects of these laws and regulations on the architectural quality of the living environment.

(Decision 5) The opportunities for citizens to influence decisions concerning their own living environment will be strengthened.

### 3.2 The role of regional architects

The state-financed system of regional architects has increased architectural expertise, especially in remote and small municipalities. The committee which prepared the reform of the building legislation proposed that the system be extended from the present 30 municipalities to about 100 municipalities, and that it should be directed more clearly to serve the planning needs of small municipalities. From the point of view of architectural policy it is important that when developing the tasks of regional architects, their role as expert advisors in architecture and culture in the countryside will be maintained.

(Decision 6) The Ministry of the Environment will explore ways to extend the existing regional architect involvement in small municipalities to cover the whole country and to link it to the tasks of the regional environment centres. Beyond that, it will propose that necessary resources be allocated to increase the number of regional architects.



Unesco / Inga-Lill Snitt

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Unesco / Inga-Lill Snitt

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Suomenlinnan hoitokunta

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Unesco / Inga-Lill Snitt

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## WORLD HERITAGE OBJECTS.

*The UNESCO agreement on world heritage aims at preserving the central objects of cultural and nature heritage in the world. To be listed the cultural heritage object needs to be a masterpiece of human creativity or an exceptionally important proof of existing or already vanished culture. Four objects have been listed in Finland:*

15. *PETÄJÄVESI CHURCH is an outstanding monument of the northern wooden architecture. It represents Nordic, Lutheran church architecture and the long tradition of timber construction skills. The church is a prominent example of the way local master builders adopted stylistic features from the European church architecture and applied them skilfully in the timberwork techniques they so well mastered.*

16. *OLD RAUMA is a unique northern wooden town. It is an integrated whole which is characterised by historic, one storey buildings, street network partly dating back to the mediaeval times and an urban community full of vitality in its housing, shops and services.*

17. *SUOMENLINNA FORTRESS has a central position as a monument of the Baltic area power politics and fortification art. The fortress was at its time a strong military base which was even called the Gibraltar of the North.*

18. *VERLA GROUND WOOD MILL AND BOARD FACTORY compose a unique, harmonious factory complex dating back to the early years of the Finnish forest industry. The factories are complemented by a water-fall with a power plant and by workers' housing.*

## 4 CULTURE AND EDUCATION

### 4.1 Our architectural heritage

Our daily life can become richer and more inspiring as advantage is taken of the various potential benefits of the architectural heritage. Multiple layers of time help to create an identity of place and are thus important for building as well as for the preservation of the architectural heritage. Careful maintenance of the built environment is the basis of the constructional culture.

Moreover, the value of the architectural heritage for the broader cultural identity and national economy necessitates that it is taken into account in societal and economic solutions. The state aims in its action in different areas of government to enhance the preservation of the architectural heritage.

(Decision 7) A national strategy for building conservation and for the maintenance of the architectural heritage will be formulated.

A comprehensive inventory of the cultural heritage together with related research programmes is urgently needed if the built environment is to be conserved. Sufficient information on the architectural heritage in the municipalities, be that heritage of local or national value, is an absolute requirement for conservation work. At this moment, this inventory has been carried out only in some areas of our country.

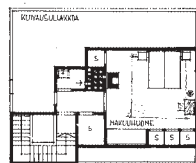
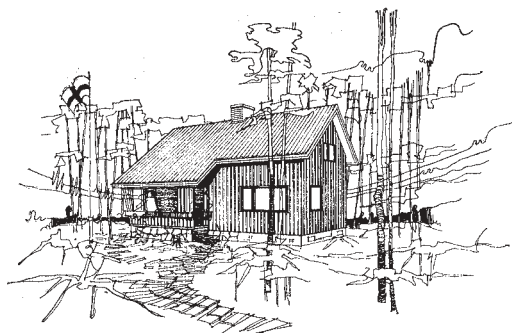
Training in how to use traditional building techniques and materials and how to design and execute refurbishment and restoration using these techniques and the necessary manual skills will be developed and increased at all levels of construction-related education.

(Decision 8) Inventories of the architectural heritage will be made in all municipalities in the country.

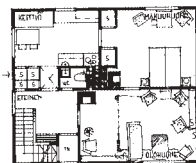
(Decision 9) The National Board of Antiquities will produce a report on the need to increase the expertise in regional museums, and will make a proposal for the number of experts in architectural history as well as their placement.

# OMAKOTITALO, ARAVA 1

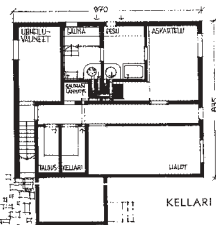
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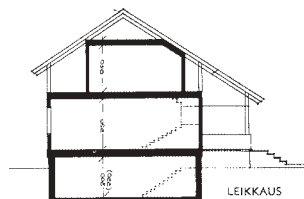
ULLAKKO



POHJAKERROS



KELLARI



LEIKKAUS

Yhden perheen omakotitalo  
3 huonetta ja keittiö  
huoneistoala 70 + 29 = 99 m<sup>2</sup>  
tilavuus 535 m<sup>3</sup>

Tähän tyyppiin kuuluvat seuraavat piirustukset:

RT 983.7150 1 kerr. ja kellarin pohja 1 : 100  
RT 983.7151 II » pohja ja leikkaus 1 : 100  
RT 983.7152 2 julkisivu 1 : 100  
RT 983.7153 2 » » 1 : 100

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Helsinki K, Boulevardi 1 puh. 13 141 (vaihde)

Jälkipainos kielletään

Rakennustietosäätiö

19. RT BUILDING INFORMATION FILE is a continuous construction sector development undertaking which was created by the architects in the war-time Finland. It has been throughout its functioning a continuously up-dated building design guideline which has brought research results to the use of the building professionals. In 1950s the file instructed how to design building details and published whole house designs. The single family houses of the reconstruction period are a visible part of the Finnish built environment. These type houses were designed by the best architects of their time, Alvar Aalto in the lead. In the poor conditions of that period standardisation aimed at savings both in materials and in time. Architects were also concerned about the quality of building and wanted to give their own contribution to the common reconstruction effort in the country.

Arava 1, a single family house, Lauri Silvennoinen, 1950.

## 20. THE AGE OF FINNISH BUILDINGS.

Finnish building stock is especially young. Less than 2 % of our buildings have been constructed before WW 1 and 70 % during the last three decades. The minute oldest part of the building stock deserves to be preserved. Today's building will be our future heritage and thus it must be well made.



(Decision 10) The Ministry of Education will study the feasibility of establishing as a joint project of the Museum of Finnish Architecture and the National Board of Antiquities a centre for traditional building techniques, which will exhibit and inform of building methods from different historical periods.

All municipal actions which will affect how the environment develops must share the common goal of high quality in the built and natural environment. The municipal programmes for the cultural environment will present the development goals and an action plan to enhance the comfort and functionality in the inhabitant's immediate surroundings and to conserve the cultural heritage. This will also strengthen local identity

## 4.2 Architecture as a part of the arts and culture

In its report on cultural policy to Parliament in 1993 the government defined culture as the foundation of our national existence. Architecture is a central and highly visible form of culture.

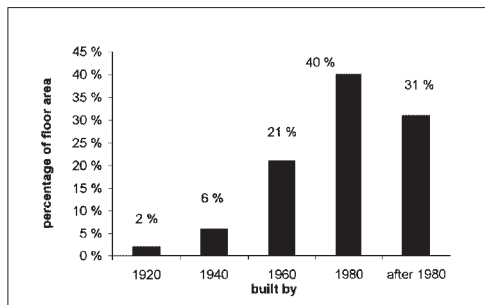
Our national identity has often found its most durable expressions through architecture. We have expressed through buildings the vitality and uniqueness of our culture, and because buildings and built environments are expressions of our country and our culture, they form the basis of the image of Finland as a part of Europe and the World. Moreover, the internationally best known manifestations of our culture are often examples of architecture.

The interaction of art and production is an essential element of architecture. This interaction gives birth to the means for the development of architecture. In turn, the renewal of Finnish architecture necessitates provisions for experimental building and in this way provides genuine opportunities for innovation to develop.

The vital force of architecture depends very much on how the client appreciates culture and the designer's skills and motivation. The artistic work of architects and interdisciplinary artistic activity need appropriate economic resources.

That part of financial support for the arts which is channeled into architecture must be developed in a way that reflects the importance of architecture in cultural policy.

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(Decision 11) The Ministry of Education actively strengthens the position of architecture in Finnish arts and culture.

### 4.3 Basic education

By raising public awareness of architecture it is possible to improve popular participation in the decision-making regarding the environment and in its debate. Understanding architecture is one aspect of civic skills.

The teaching of architecture in lower and upper secondary schools has been inadequate because of the lack of resources and teaching materials. However, the law regarding basic education in the arts provides a good framework from which to draw courses for the teaching of architecture at various levels of education. Moreover, the importance of the building culture should be further emphasised in teacher training curriculums.

The key to understanding architecture lies primarily in education in the arts, and also environmental studies encompassing matters of the built environment. The improvement of the citizens' competence to participate in the decision-making concerning matters of their own surroundings will be greatly enhanced when architecture becomes part of the curriculums of the environmental studies and biology, geography or history and political sciences.

(Decision 12) The National Board of Education strengthens the position of architectural education when creating the bases for the curriculums. In addition, the needs of architectural education are taken into consideration in the execution of the programme for linking schools and and the wider cultural setting.

(Decision 13) The Ministry of Education explores the opportunities to develop architectural education within the framework of the voluntary adult education to improve the opportunities of the citizens to act in the decision making concerning matters of their own living environment.

Beyond the considerations of basic education, it is important to find opportunities to raise the awareness of decision-makers of the value of the built environment and its evolving processes.



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21. *DRAWING OF THE PORVOO TOWN HALL*, the winning entry to the design competition for a card celebrating the 650th anniversary of the Porvoo Town by Rufus Juslin, 8, pupil of Porvoo Art School for Children and Youth. Basic education for children has been successfully arranged by schools of architecture, art schools, kindergartens and centres for applied arts.

22. *THE SERPENT*, a housing corporation in Helsinki, is the first municipal housing project financed by the state. The undulating shape of the buildings makes the long facade lighter and opens the apartments into different directions. The legislation for public housing financing (ARAVA) was developed under the difficult post-war housing situation and the came into force in 1949. The first binding design guidelines were published in 1962. ARAVA guidelines had to be followed only in projects funded by the National Board of Housing but before soon they influenced also the free market projects. Yrjö Lindegren, 1951.

(Decision 14) The decision makers, elected persons and functionaries of the municipalities will be offered training in architecture.

#### 4.4 Professional education

The professional competence of architects embraces not only a solid foundation of design skills but also a thorough understanding of the principles of architecture, architectural conservation and construction techniques, coupled with an understanding of the environment and society and the mastering of the processes of building.

Architectural education cannot take place in isolation, it must be firmly in touch with its ambient society. Both research and the application of theory into practice must be central to the curriculum. In this way a fertile interaction can be created between the teaching of architecture and its practice. On top of that, research will be more purposefully directed, and top level professional skills will be secured.

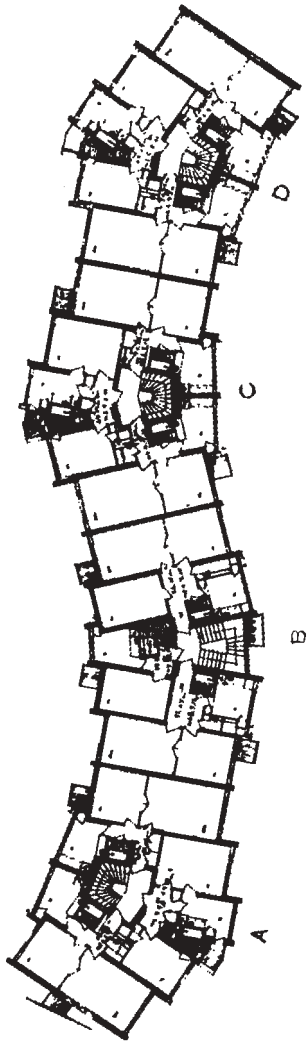
(Decision 15) Education in the construction sector will be developed so that all professionals who work in that sector will understand the meaning of the high quality of design and its execution. Additionally, the fundamentals of the history of building and architecture will be included in the professional education at all levels.

(Decision 16) In architectural education an opportunity will be given to design and realise experimental buildings to demonstrate and complement teaching and research work.

#### 4.5 Architectural research

Investment in research into construction technologies helps to maintain a technological and international competitiveness. Such research has not, in most cases, embraced architecture.

A national strategy for architectural research and development together with experimental building programmes is needed: this will also improve the co-operation





23. *SOFIANLEHDONKATU 10 is an example of the high quality ARAVA funded housing from 1980s. It has passed the so called normal price control which checked that the price of the apartment is within the limits set for the state funded housing.*

*Kari Järvinen, 1988.*

*Photo: Timo Airas.*

between architectural research units which today is not extensive. This strategy will consist of a proposal for the co-ordination of architectural research and development and a definition of national goals, focusing on current issues and trends as well as basic research.

(Decision 17) The Academy of Finland will explore opportunities to develop architectural research.

## 5 ARCHITECTURE AND THE QUALITY OF BUILDING

### 5.1 The quality of architectural design

Together with other aspects of design, architectural design aims to combine the requirements of the client with the conditions of the site. Such design will determine the functional, technical and aesthetic qualities of the final structure and has a bearing on its total cost. The skill and motivation of the builders and the quality of building materials, components and parts will decide the success of the project. The client, when defining the brief for the project, not only assumes responsibility for the quality of building user's operating environment, but also for the effects of his building project on the aesthetic quality of its surroundings.

A good final result is guaranteed through the development of professional skills, utilizing experience, securing continuing activity, close co-operation between all parties, and the long-term bearing of responsibilities.

Because of the substantial economic value of construction and the marked and enduring effects it has on the environment, consumer protection must be improved. This needs to be done by raising the quality of the construction in line with the principles of sustainable development - especially from the point of view of health, functionality and aesthetics - and by clarifying the responsibilities of the parties in the building process.

Total control of the building process from design to execution is an essential part in the realisation of the system of responsibility. The continuing activity of the parties involved in this process is a requirement for the bearing of responsibility beyond the completion of the project. The government considers it important that special attention is paid to these issues while the construction sector is being developed.



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Hannu Vallas



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Timo Airas



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Maanmittauslaitos lupa nro 217/MYY/99



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## PLANNING

24. *REGIONAL PLAN FOR KOKEMÄENJOKI RIVER VALLEY* is the first land use plan in Finland drawn for the areas of several municipalities. It had as its goals to direct building in the river valley area to best suited places. Industry, housing, traffic, agriculture and leisure activities had specific zones in the plan. Regional planning which guides the general and town planning in the municipalities became legally binding in Finland as late as in 1970s. This regional plan has guided building in Kokemäenjoki river valley already for more than 50 years.  
Alvar Aalto, 1940–42.

25. *JYVÄSKYLÄ KUOKKALA TOWN PLAN* has created dense urban housing environment. In the town planning of 1980s the aim was to create more varied townscapes. Bending streets of Kuokkala direct the attention of people moving in the streets also towards the buildings bordering the streets. Detailed plans have been worked out by different planners.

26. *PETONEN AREA IN KUOPIO* has traditional urban blocks and single family house streets bordering the lake. Town planning creates opportunities for the birth of good environment. Even though only the building of the area shows the final result a good town plan will direct the building into suitable areas and will create an overall idea of the spirit of the future area. Every plan is an expression of its own time and values. Detailed plans have been worked out by different planners.

27. *HUUHKAJANKUJA 1* is part of the completed Petonen environment.  
Kari Järvinen and Mikko Aho, 1989.

(Decision 18) Development projects are started to support a quality based operating culture and to enhance the overall economy of the construction sector and building processes.

(Decision 19) The Council of State calls those state offices and works which procure buildings to develop the procedures for selecting the architect - within EU legislation - so that the qualifications of the providers and the quality and overall economy of the project will be emphasised.

## 5.2 Quality assurance

Quality is assured from two directions. First, in the firms, by way of quality systems and secondly, through the professional skills of the individuals working with quality and official control. The qualifications of the parties involved in the project must always correspond with the requirements of the project from the company level to that of individuals.

Professional skills are measured in terms of education, experience and achievements. In many EU member states, the practice of architecture - bearing the responsibility for the project - is subject to licensing and requires registration either by the profession or a public authority. To demonstrate the architect's competence as defined in the architects' directive and in the supplementary recommendations, it takes the a minimum of five years of university level studies, which must include the requirements of the directive, plus two years of practical experience.

In Finland, the title of architect is held by those who have received the appropriate academic diploma, but in many European countries it is the title given to a person qualified to perform the functions of an architect. The Finnish situation is not sufficient to secure the professional mobility as guaranteed by the European single market or maintain the quality based operating culture. In addition to the diploma, a register should be established of architects holding the qualifications of the architects' directive. Such a register would ensure their professional competence.



SRM/Fred Runeberg

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SRM/Hisivaara

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Esko Toivari

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MV/Maija Kairamo

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AA museo/M. Kapanen

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SRM

33

ARCHITECTURAL DESIGN COMPETITIONS have made Finland known in the world and brought international influences into Finnish building. Years given are those of the competitions.

28. RESURRECTION CHAPEL, Turku.

Erik Bryggman, 1938.

29. HELSINKI RAILWAY STATION.

Eliel Saarinen, 1904.

30. NATIONAL MUSEUM, Helsinki.

Herman Gesellius, Armas Lindgren, Eliel Saarinen, 1910.

31. OLYMPIC STADIUM, Helsinki.

Yrjö Lindegren and Toivo Jäntti, 1933.

32. SÄÄNÄTSALO TOWN HALL.

Alvar Aalto, 1952.

33. STOCKMANN, Helsinki.

Sigurd Frosterus, 1916.

34. PLAYHOUSE FOR A CHILD, winning entry in idea competition "Give the child space in life", Anne-Marjo Panu, 1986.

35. SIBELIUS BUILDING, Lahti.

Kimmo Lintula and Hannu Tikka, 1998.

36. OULUN LIPPORANTA, housing company.

Seppo Huttu-Hiltunen and Ari Järvinen, 1996.

37. THE MUSEUM OF CONTEMPORARY ART, Helsinki.

Steven Holl, 1993.

38. HELVETINKOLU, Finnish pavilion at the Seville Expo.

Juha Jääskeläinen, Juha Kaakko, Petri Rouhiainen, Matti Sanaksenaho and Jari Tirkkonen, 1989.

39. CULTURAL CENTRE, Kajaani.

Sinikka Kouvo and Erkki Partanen, 1983.

40. VIHTI MAIN LIBRARY.

Hannu Jaakkola and Tapani Kerttula, 1990.

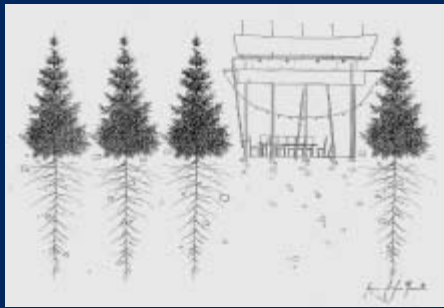
41. MAANINKA TOWN HALL.

Hannu Huttunen, 1988.

42. STATE OFFICE BUILDING, Rauma.

Olli-Pekka Jokela and Pentti Kareoja, 1986.





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Matti Viljanen

Timo Kuuskola

Jussi Tainen

Lindman

Jussi Tainen

Ari Järvinen

Simo Rista

Jussi Tainen

(Decision 20) The Ministry of the Environment will prepare together with the key organisations in the sector the establishment of an architects' register to confirm the professional competence in architecture together with the complementing functions of main designer, and in addition this register will facilitate the export of design expertise. The Ministry of the Environment must secure the interests of the society as regards the content and control of such a register, which would be regulated by the construction sector itself.

### 5.3 Architectural competitions

The means of selecting architects for all public building should be architectural design competition or tendering competition based on quality and on the total cost of the end result. In the latter means, the competition should be based primarily on the professional skills of the architect, including careful design work, skillful use of materials and construction techniques.

Architectural design competitions in Finland go back more than a hundred years, a tradition which is appreciated abroad. In our country, nearly all of the most important public buildings built during the last century are results of such competitions. Architectural design competition gives the client an opportunity to study a range of solutions to the design problem and to secure the quality of the final construction.

Architectural competitions encourage innovation in building and the evolution of architecture. A competition is also a form of further education and a way to offer opportunities for new architects. The large number of alternative solutions a competition produces makes easier the popular debate regarding the development options for the environment. The great success of Finnish architects in international competitions has shown that competitions to be an important disseminator of both Finnish know-how and Finnish culture.

(Decision 21) The Council of State invites state organisations which procure buildings to increasingly exploit architectural design competitions to seek out exemplary solutions and as a method of selecting architects.

43. A DRAWING BY VADU, pseudonym of Matti Vesikansa, 1986.

And what is this quality thing?

- SAFA Architects
- More costs!
- Mere words
- More responsibility
- Contractor power
- Design appreciation

44. PAIMIO SANATORIUM is the fifth Finnish candidate for the world heritage list. The work of young Alvar Aalto included many innovative ideas and was very advanced even on international scale both as a building and as an institution. Paimio sanatorium has made, together with other Aalto work, the know how of Finnish building known in the world. Also today the quality of building and the overall image of the environment form the basis for the competitiveness of building export.

Alvar Aalto, 1929–33.

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45. *MÄNNISTÖ CHURCH* was designed by Juha Leiviskä, Member of the Finnish Academy, who was awarded the Danish Carlsberg architectural prize in 1995. In Leiviskä's architecture the buildings live in the rhythm of the nature. Juha Leiviskä, 1992.

## 6 RAISING AWARENESS OF ARCHITECTURE

### 6.1 Public awareness

Finnish architecture is internationally acknowledged as being of high quality. To uphold this reputation, involvement in international exhibitions and seminars must be increased, publications and other means of publicizing Finnish architecture should also be developed.

The Museum of Finnish Architecture is one of the oldest architectural museums in the world. Central to its activity are its exhibitions and publications, which reach wide audiences both domestically and internationally. The museum is planning to increase the number of travelling exhibitions, and exhibitions aimed at special audiences. This is at present possible, however, only through extra financing. A permanent exhibition of Finnish architecture requires an extension of the museum's exhibition space.

The professional press, the Museum of Finnish Architecture, and other media routinely take care of the information dissemination and documentation of architecture as. This task can be helped by strengthening the resources of the Museum of Finnish Architecture, by supporting publication projects and training of the journalists working in the field.

(Decision 22) The Ministry of Education will secure the financial resources necessary for the continuous and successful work of the Museum of Finnish Architecture as an architectural information centre.

### 6.2 Encouraging and awarding

The Council of State encourages all participants in our society, from municipalities to private organisations and individuals, to work for the improvement of architecture and a better environment.

By encouraging the parties involved in the building process to move towards better architectural quality and in turn awarding both high quality projects and the designers responsible, architecture can be promoted.

(Decision 23) The Ministry of Education will explore ways of developing the system of awarding environmental and architectural



al projects. Both high quality projects and the skills of the designers will be acknowledged.

## 7 IMPLEMENTATION OF THE ARCHITECTURAL POLICY

The central goals of the government's architectural policy are:

- to create opportunities for the realisation of the constitutional rights of the citizen to have a good environment
- to facilitate the citizen's rights and his/her responsibilities for his/her own environment by promoting architectural education and public awareness
- to set high standards for public building and property management and in turn
- to set an example for the whole construction sector
- to encourage to use of procedures that will enhance architecture and high quality building
- to promote innovation through architectural education and research and development work

– to improve the care of our architectural heritage and the development of the built environment as a part of a broader approach to cultural history and architecture. The commitment of the public authorities to the goals of the government's architectural policy is essential for the realisation of that policy. They must review their action strategies in relation to the goals and remove possible conflicts in existing programmes. To ensure this, the state government must arrange the necessary follow-up and guidance. The programmes and procedures must be developed and the interaction between various sectors improved in line with the guidelines of the architectural policy. To realise the goals of the policy requires that a detailed action plan be made.

(Decision 24) The Ministry of Education and the Ministry of the Environment will jointly set up a committee to follow-up the government's architectural policy. It will draft a detailed action plan, monitor the realisation of the goals of the architectural policy and make proposals for the further action as necessary.

46. TURKU CONSERVATORY has been given new space in an old rope factory. Rebuilding and reuse of old spaces represent ecological and economical thinking. The government has approved in 1998 a programme for ecological building which aims to advance sustainability in building and property sectors.

Ola Laiho, Mikko Pulkkinen and Ilpo Raunio, 1994.



Ola Laiho

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