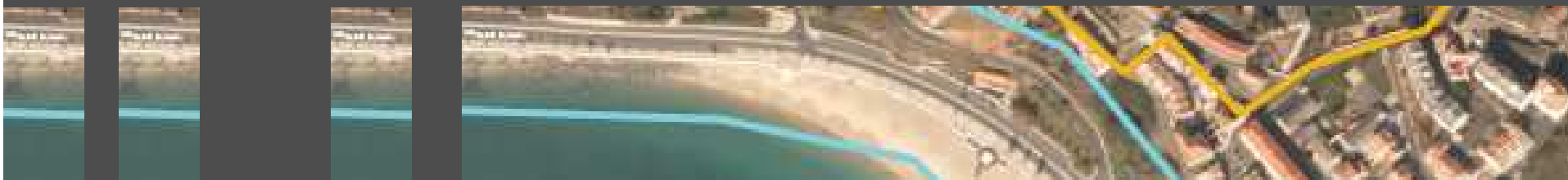




Sines

Plans & Projects



NOVEMBER'09



Fernando Nunes da Silva . Carlos Marques da Costa

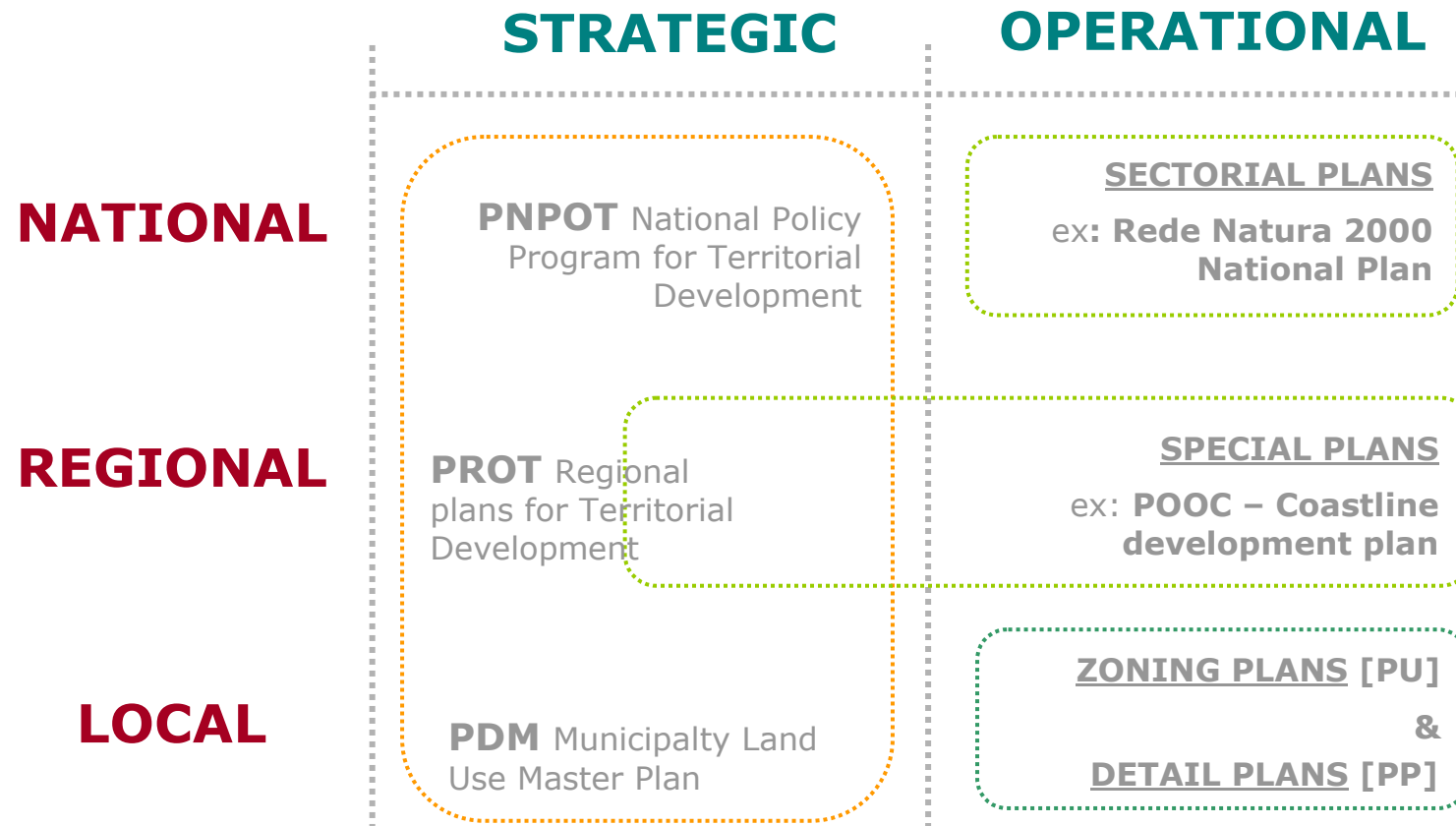
CESUR – Centro de **S**istemas **U**rbanos e **R**egionais



INSTITUTO
SUPERIOR
TÉCNICO



Summary



Summary

NATIONAL

PNPOT

National Policy Program for Territorial
Development

REGIONAL

PROTAL

Regional Plan for Alentejo Territorial
Development

PROTALI

Regional Plan for Litoral Alentejo
Territorial Development

LOCAL

PDM* Sines

PU* Sines

PUZILS

PP* Norte de Sines

PP Sul de Sines

Development plan for the **Port**
of **Sines**

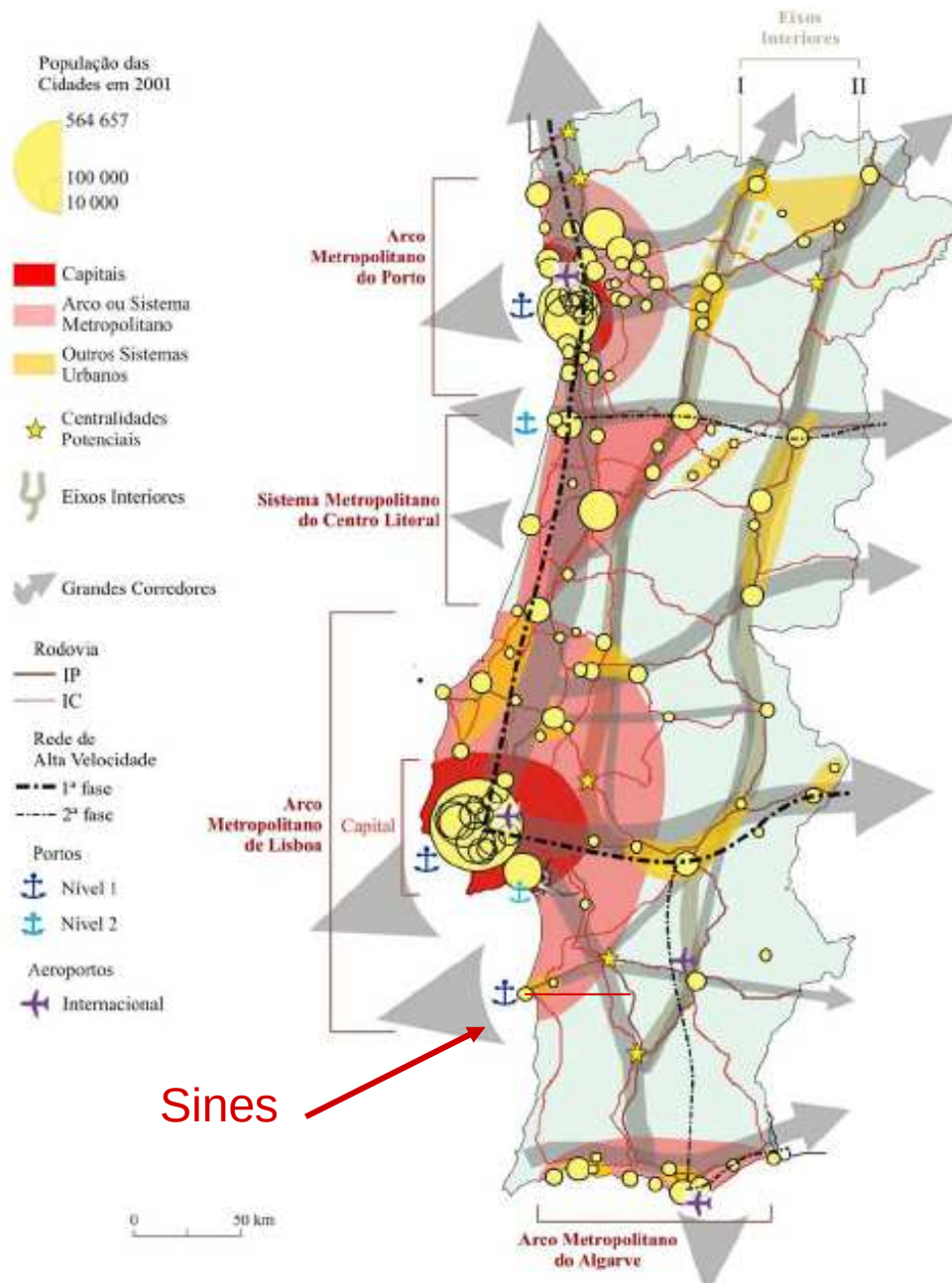
Urban Projects for the **city** of
Sines

PDM* - Municipality Land Use Mastera Plan

PU* - Zoning Plan

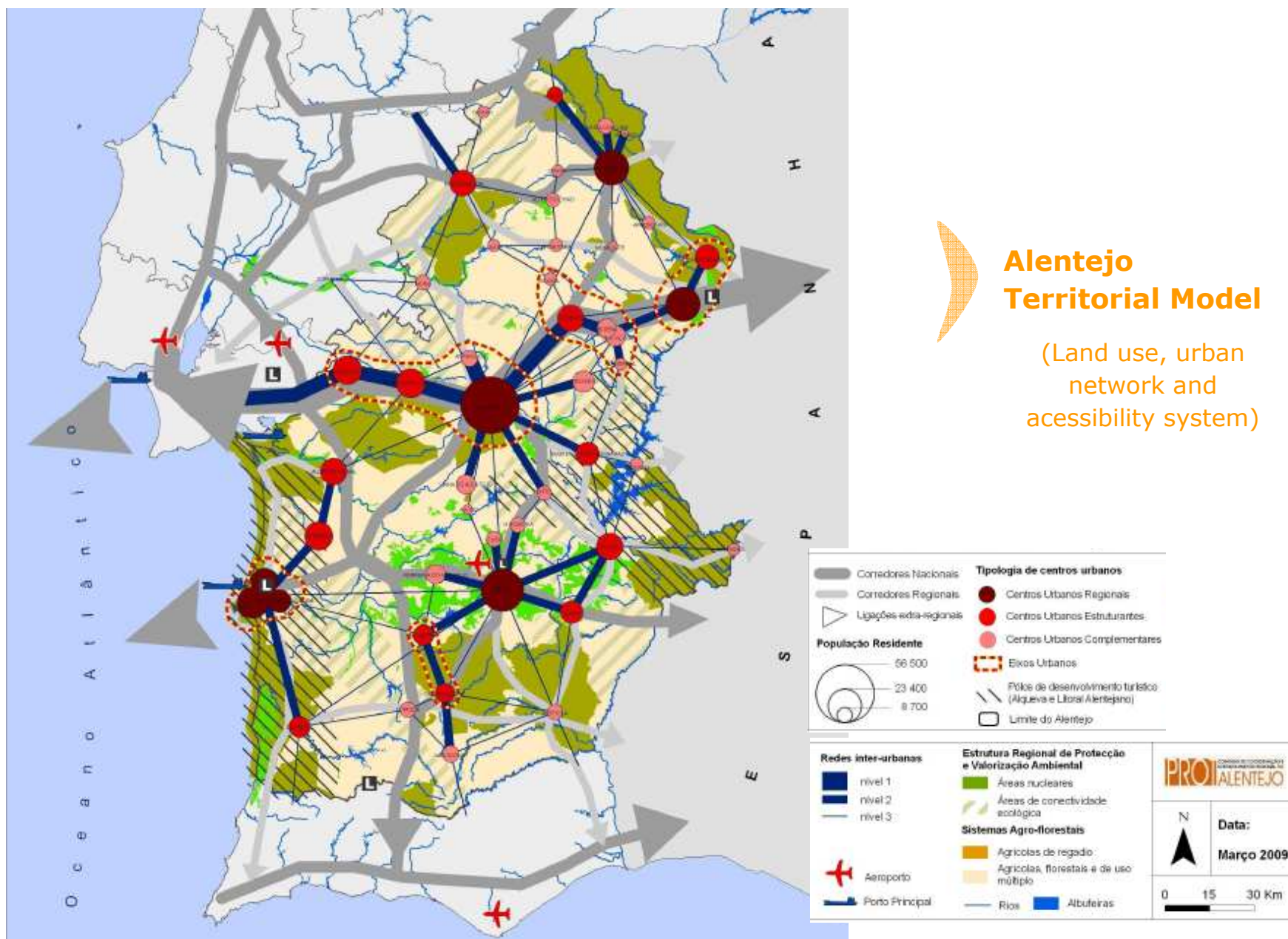
PP* - Detail Plan

PNPOT. National Policy Program for Territorial Development [2007]



Urban hierarchy and network, Accessibility System and main transport nodes for continental Portugal

PROTAL. Regional Plan for Alentejo Territorial Development [2009]





INSTITUTO
SUPERIOR
TÉCNICO

PDM(I) ■ Municipal Master Plan – 1st phase: “Medium term scenario” [1987]

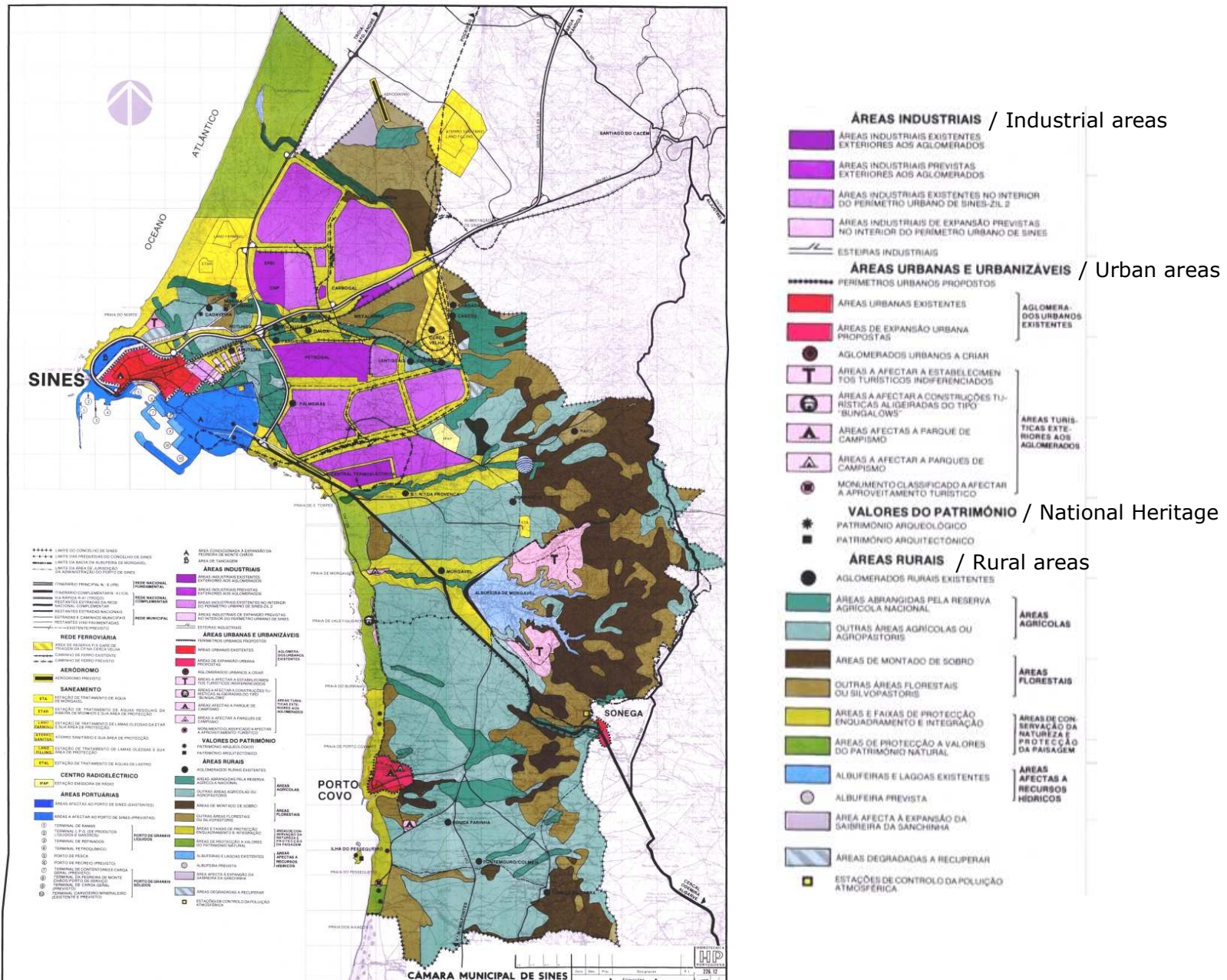


ÁREAS INDUSTRIAIS

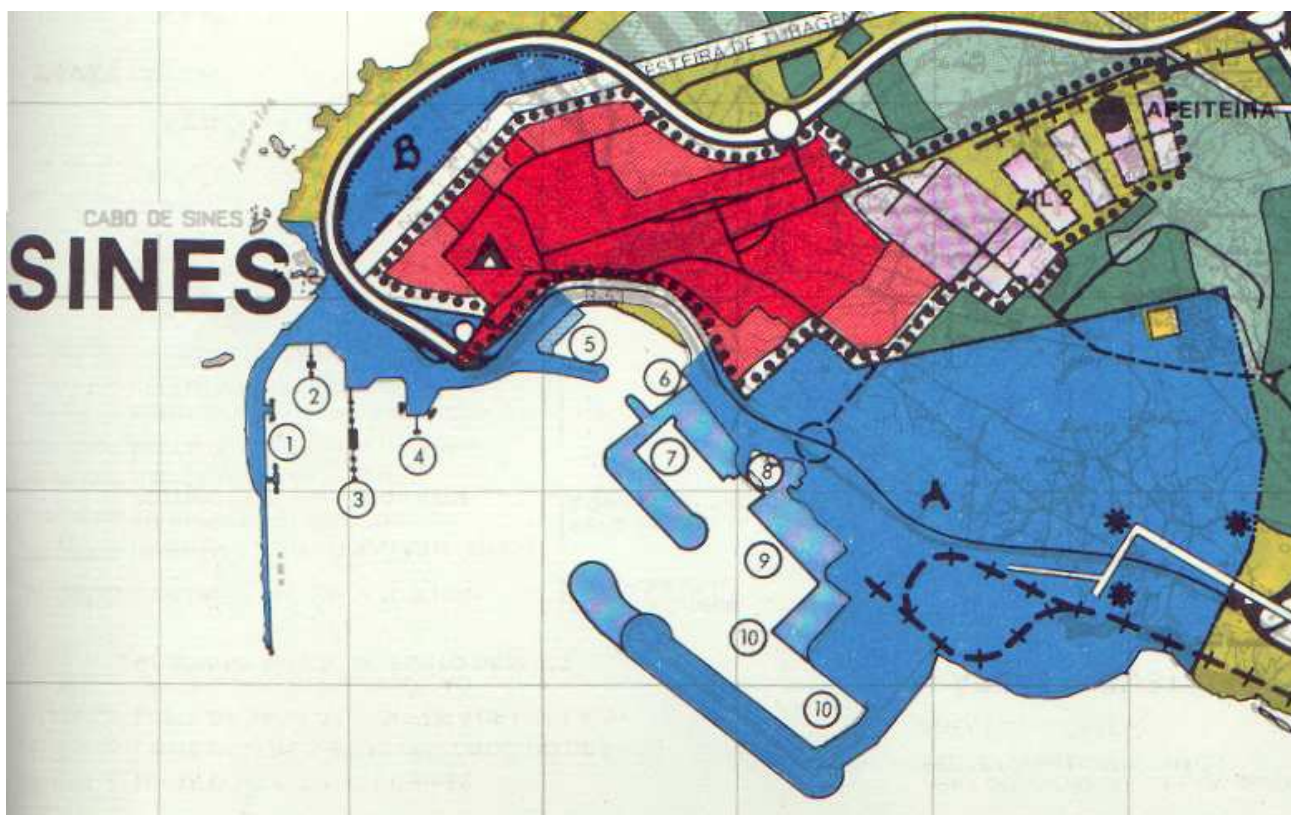


ÁREAS INDUSTRIAIS EXISTENTES
EXTERIORES AOS AGLOMERADOS.

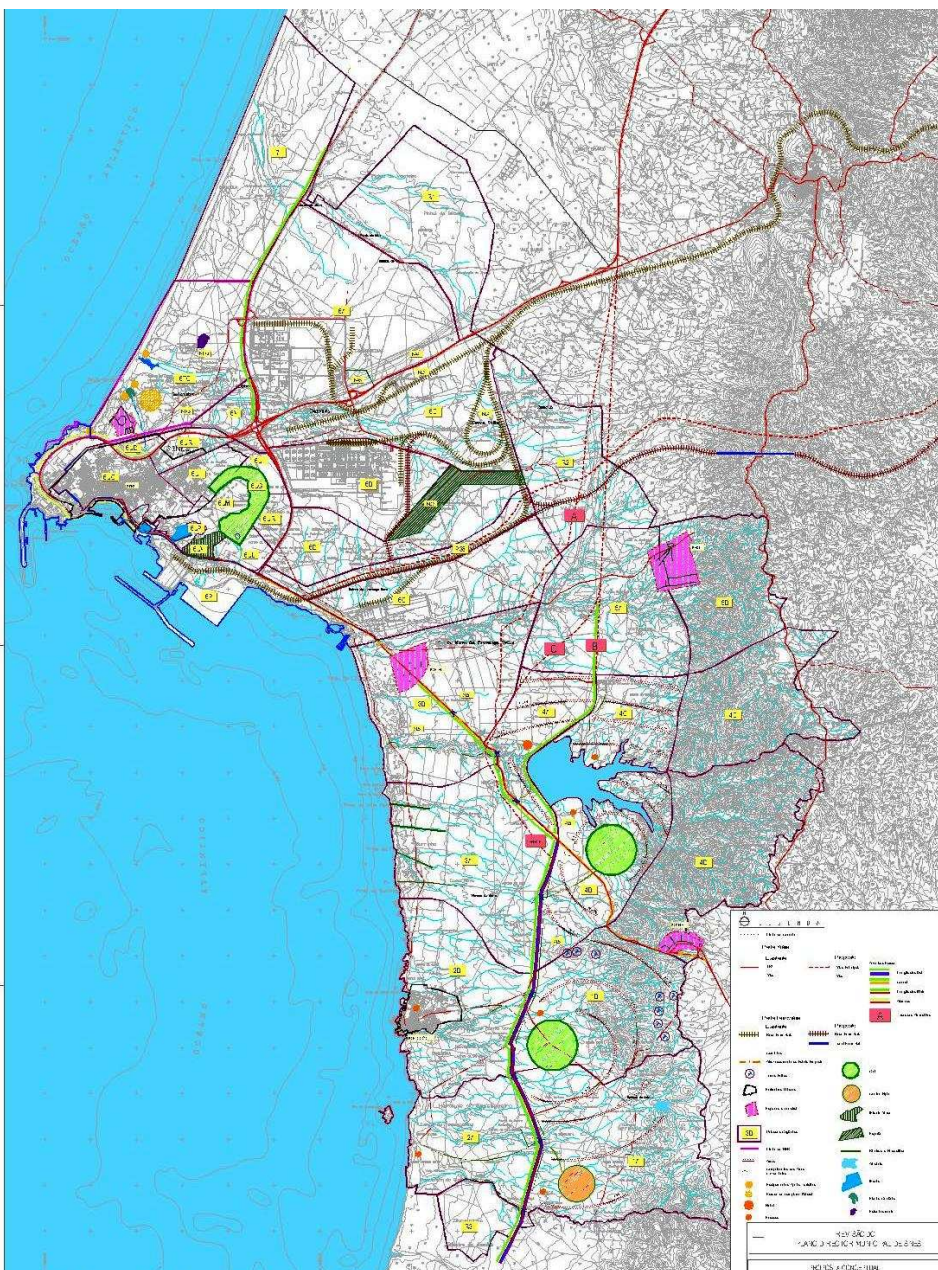
PDM(I) ■ Municipal Master Plan – 1st phase: “long term scenario” [1990]



PDM(I) ■ Municipal Master Plan – 1st phase: “long term scenario” [1990]

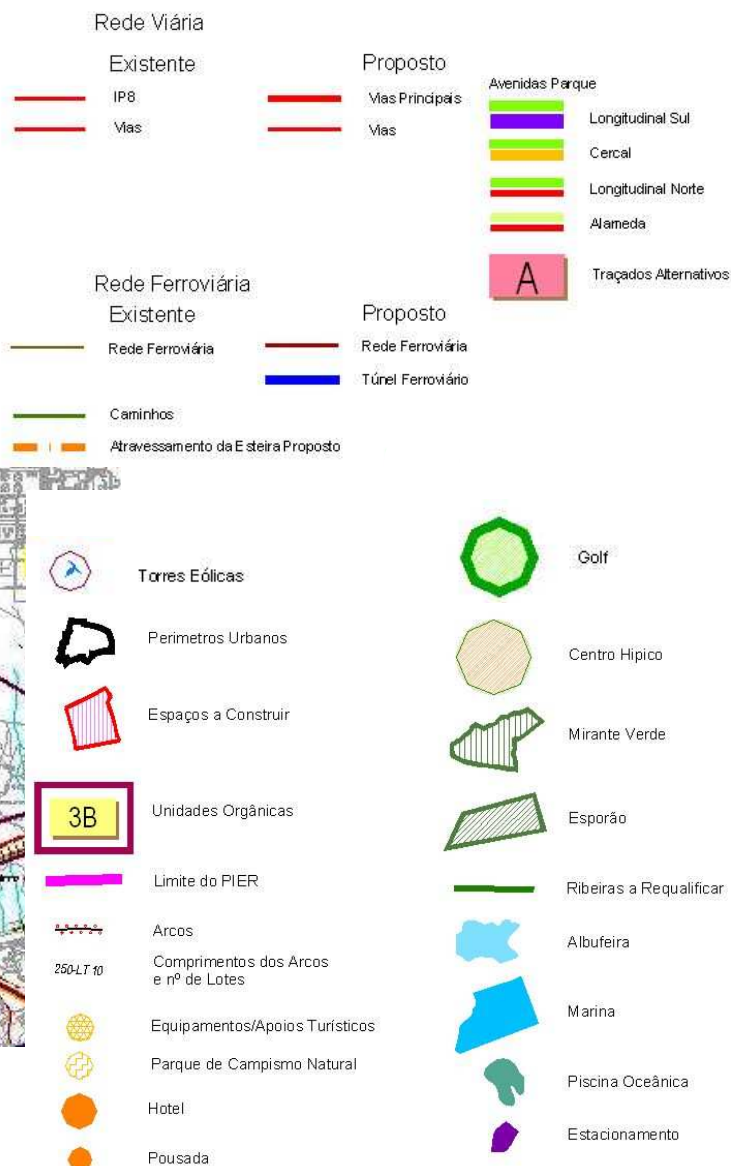


PDM(II). Development Model: proposal for the new Municipal Master Plan of Sines ("2nd generation") [2009]



PDM(II).

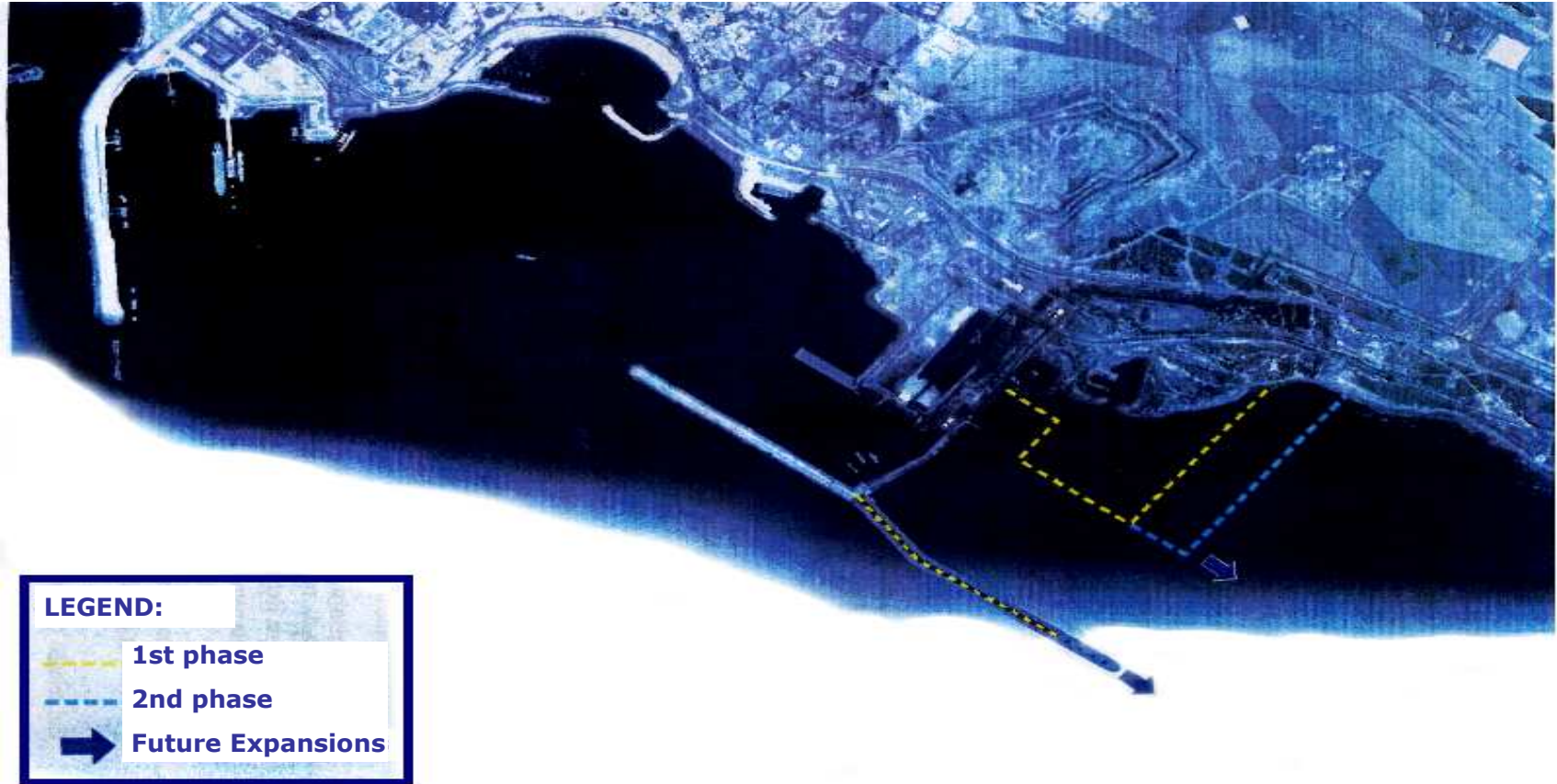
Development Model: proposal for the new Municipal Master Plan of Sines ("2nd generation") [2009]





INSTITUTO
SUPERIOR
TÉCNICO

Development Plan for the Port of Sines [2003]

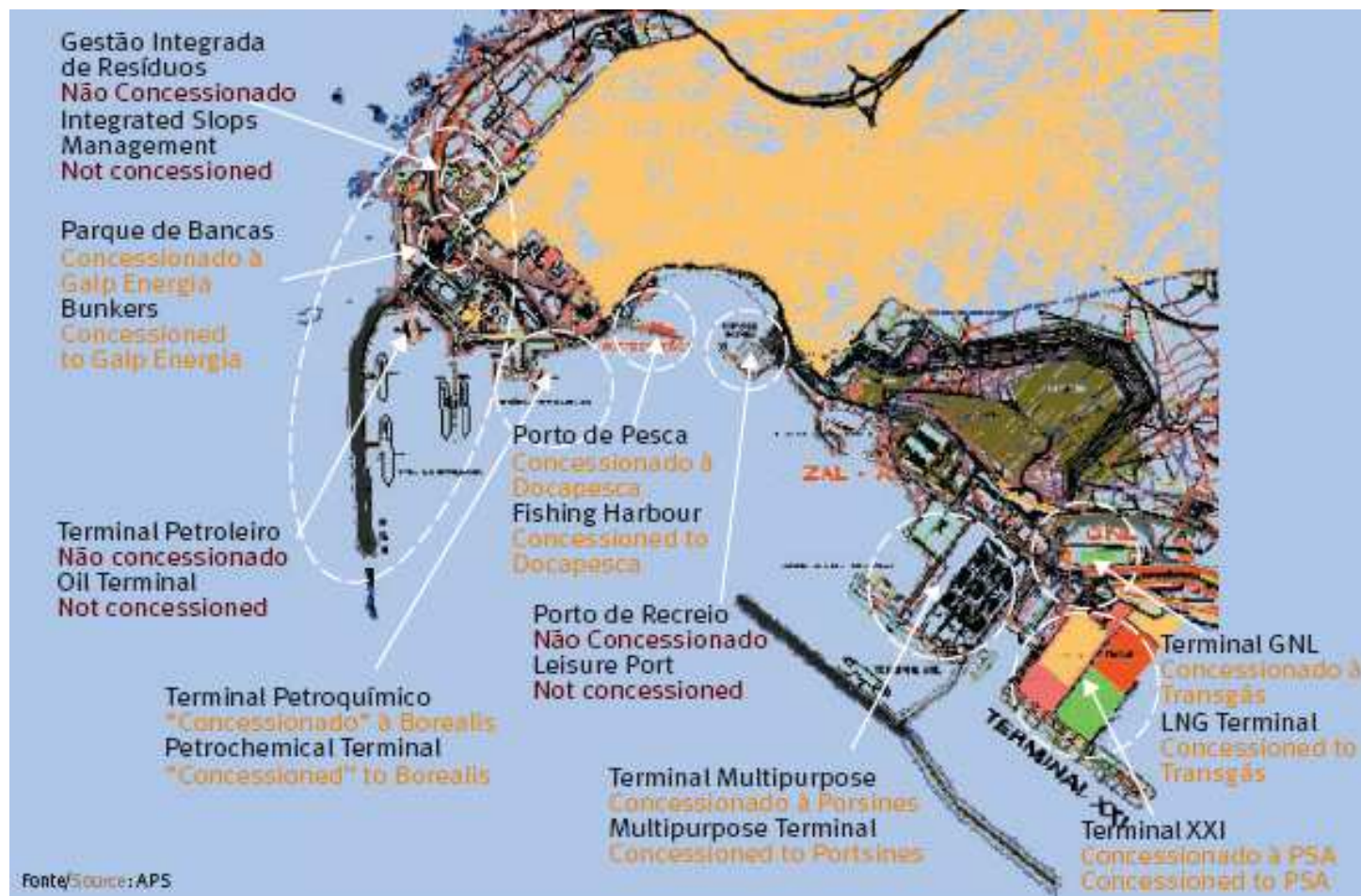


Fernando Nunes da Silva . Carlos Marques da Costa

Caminha | November 2009



Development Plan for the Port of Sines





INSTITUTO
SUPERIOR
TÉCNICO

Sines Port

Oil Terminal



Petrochemical Terminal



Multipurpose Terminal



General Cargo Terminal



Terminal XXI

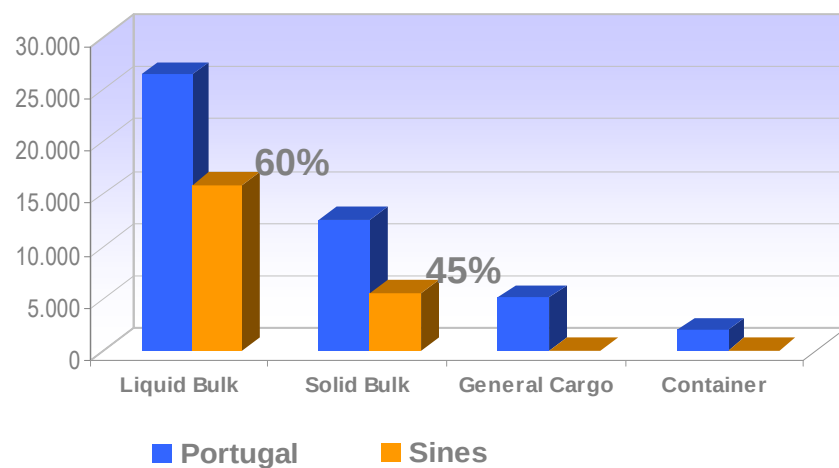


Fishing Port

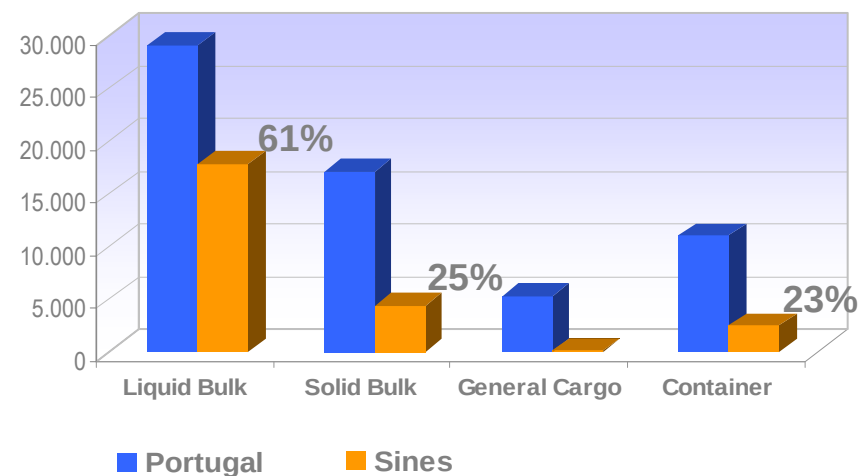
Leisure Port



Transport of goods - Portugal and Sines, 1999



Transport of goods - Portugal and Sines, 2008



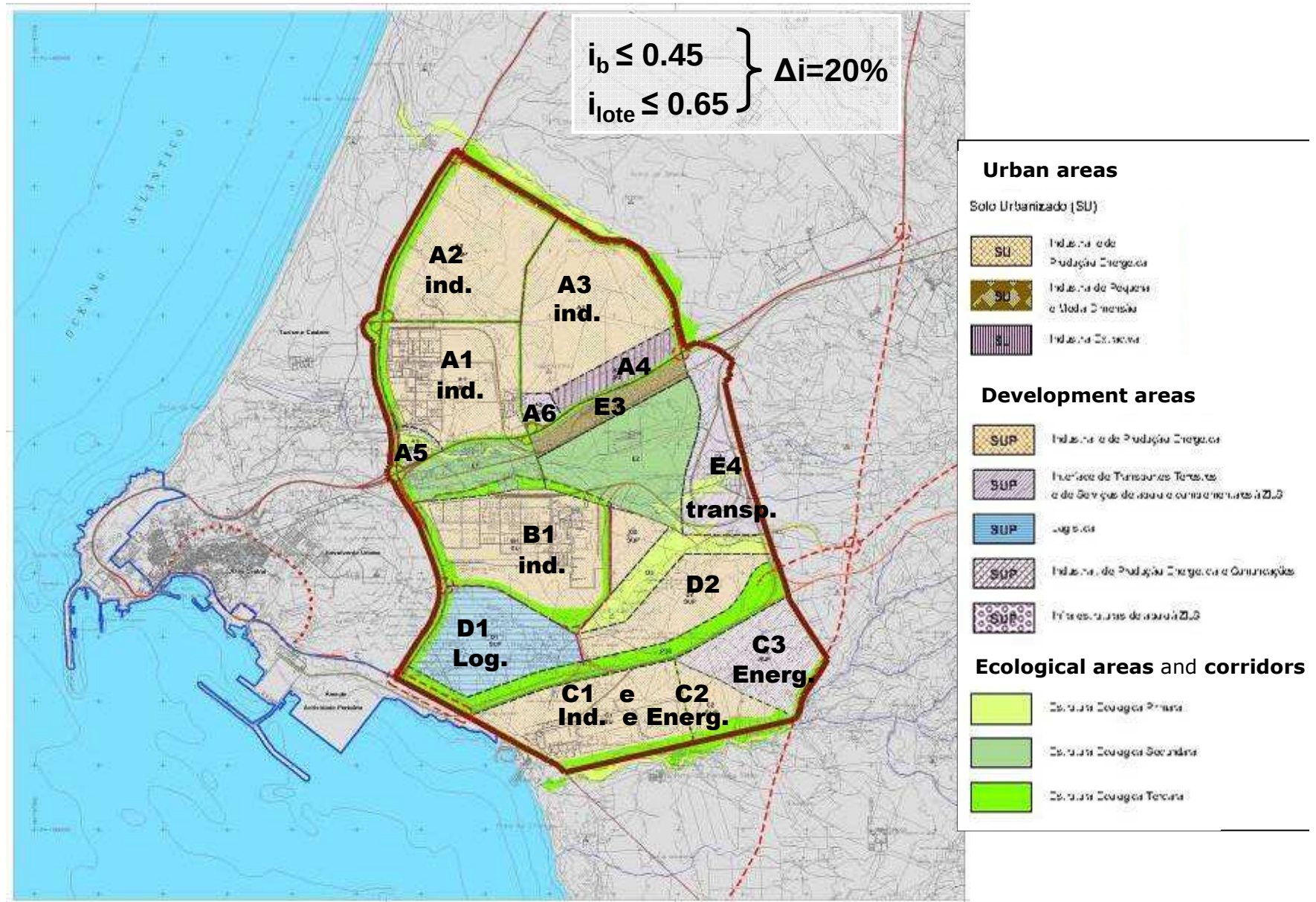
	1999			2008		
	Portugal	Sines	% National	Portugal	Sines	% National
Liquid Bulk	26.411	15.859	60	29.120	17.780	61
Solid Bulk	12.531	5.579	45	17.114	4.354	25
General Cargo	5.063	11	0	5.237	50	1
Container	1.947	0	0	10.968	2.485	23
Total	45.952.321	21.448.677	47	62.438.618	24.668.771	40

Obsv. (ton)

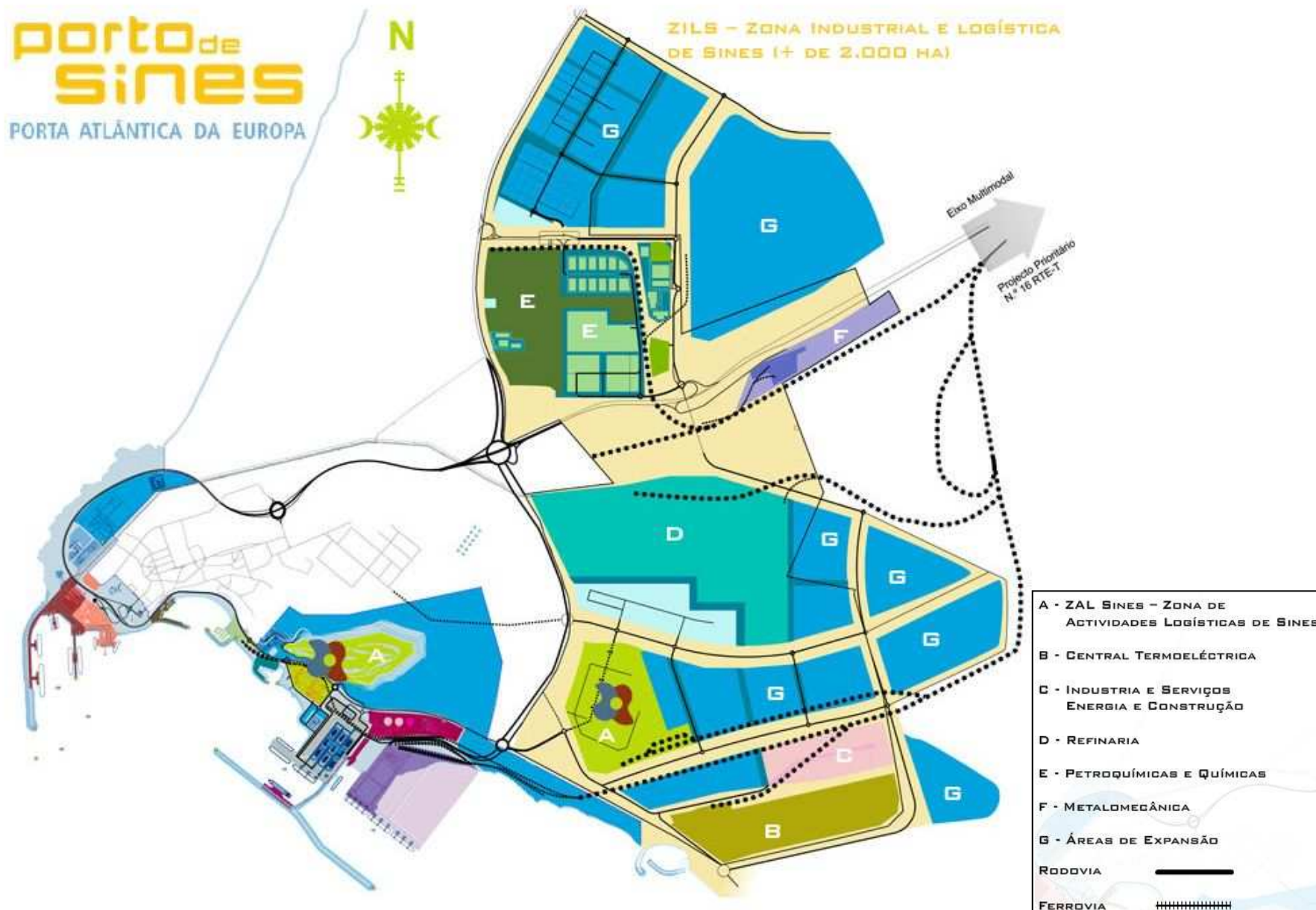


INSTITUTO
SUPERIOR
TÉCNICO

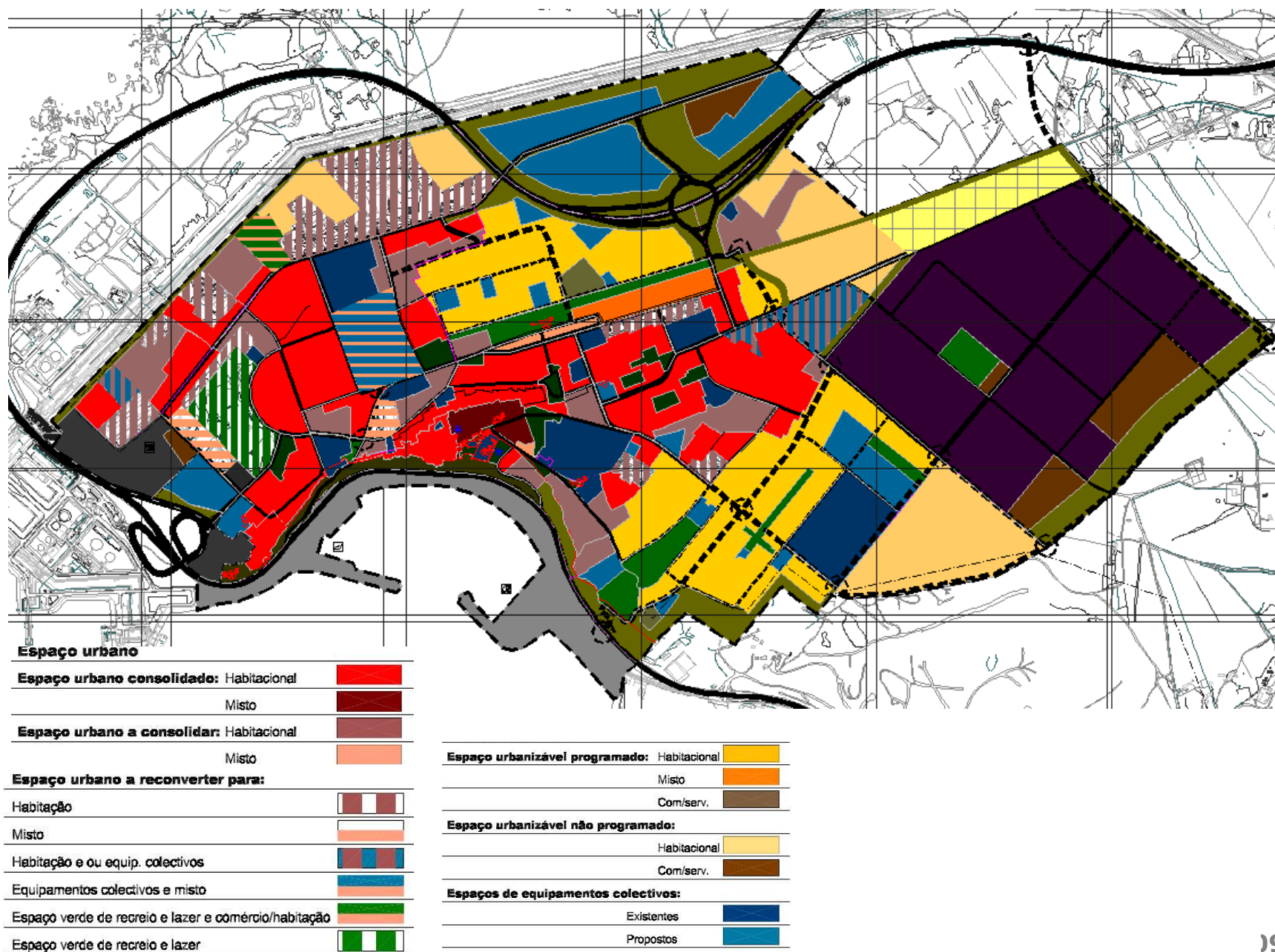
PUZILS. Zoning Plan of Sines Logistic and Industrial area [2008]



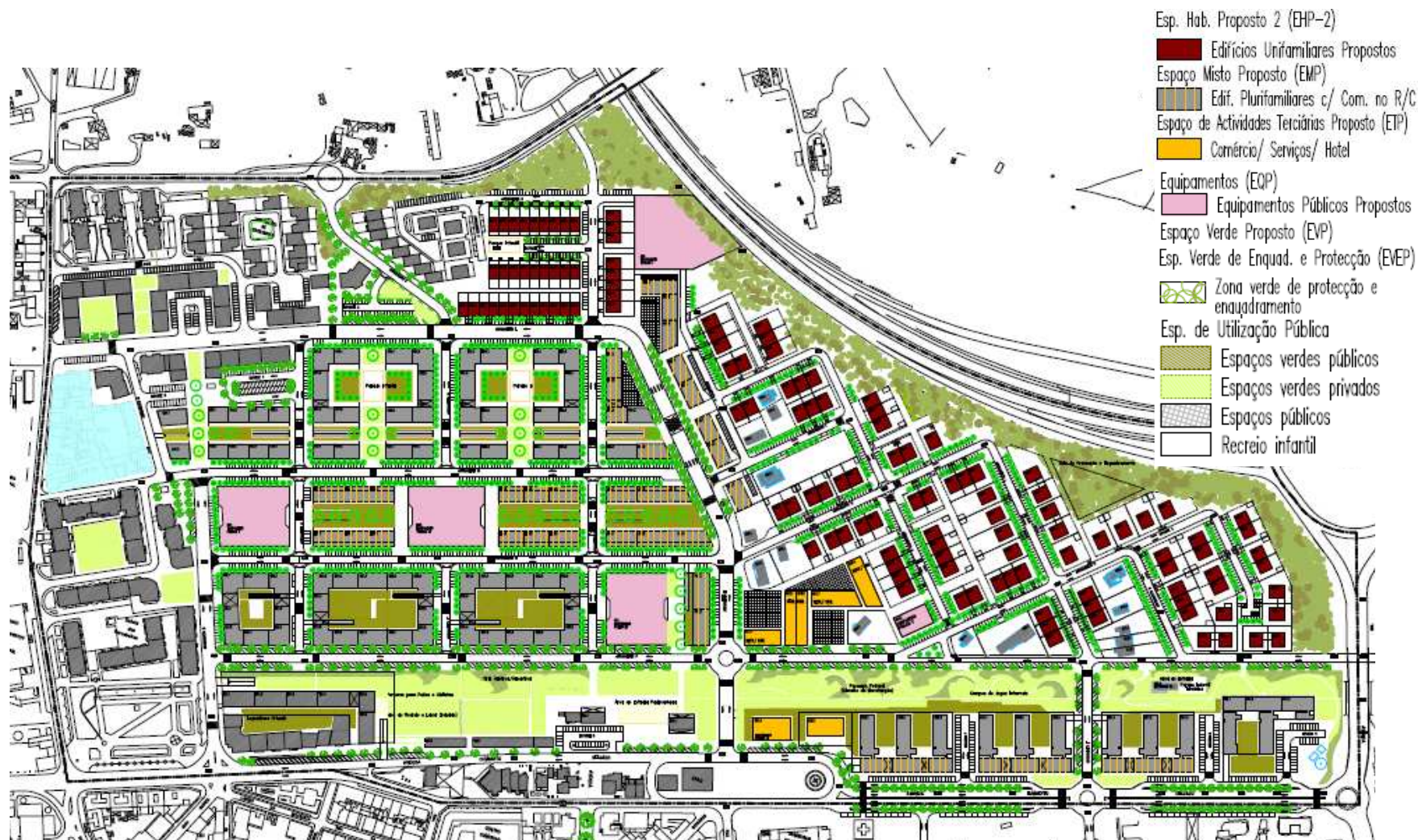
Logistic and Industrial Zone of Sines



PU. Zoning Plan for the city of Sines [2008]



PP Norte. Detailed Plan of North Sines's Expansion Zone [2009]



Sb - 33,2 ha **Population** - 2858
ib - 0,55 **Houses** - 1191

Functions

Housing - 84% [163 964 m²]
 Services/ Commerce - 10% [18 892 m²]
 Public Facilities - 6% [12 031 m²]



- Legenda:**
- Limite do plano
 - Edifícios e construções a demolir
 - Espaço Habitacional (EH)**
 - Esp. Hab. Existente (EHE)
 - Edifícios a manter
 - Esp. Hab. Proposto 1 (EHP-1)
 - Edifícios Plurifamiliares Propostos
 - Esp. Hab. Proposto 2 (EHP-2)
 - Edifícios Unifamiliares Propostos
 - Edifícios previstos em loteamentos aprovados
 - Espaço Misto Proposto (EMP)**
 - Edif. Plurifamiliares c/ Com./Serv. no R/C
 - Espaço de Actividades Terciárias Proposto (ETP)**
 - Hotel
 - Espaços de Equipamentos Colectivos**
 - Equipamento Público
 - Equipamento Privado
 - Espaço Verde Proposto (EVP)**
 - Esp. Verde de Enquad. e Protecção (EVEP)
 - Zona verde de protecção e enquadramento definida em projecto de arranjo paisagístico de recuperação da pedreira (APS)
 - Esp. Verde de Recreio e Lazer (EVRL)
 - Espaços privados
 - Prado sequeiro
 - Área relvada
 - Zona de árvores e arbustos
 - Alinhamentos arbóreos principais
 - Alinhamentos arbóreos secundários
 - Zonas verdes de estadia e lazer
 - Espaços de Estadia e Lazer (anfiteatro e miradouros)
 - Percursos pedestres (jardim urbano)
 - Percursos pedestres panorâmicos
 - Linha de água/bacia de retenção

Sb – 58,3 ha

ib – 0,38

Population – 4072

Houses – 1655

Functions

Housing – 80% [198 282 m²]

Services/ Commerce – 4% [9 294 m²]

Hotel – 5% [12 565 m²]

Public Facilities – 11% [29 013 m²]

Projects for Sines

1. Avenida General Humberto Delgado | 2. Cidade Administrativa | 3. Praça da República | 4. Quinta de São Sebastião | 5. Jardim Sul | 6. Frente Marítima



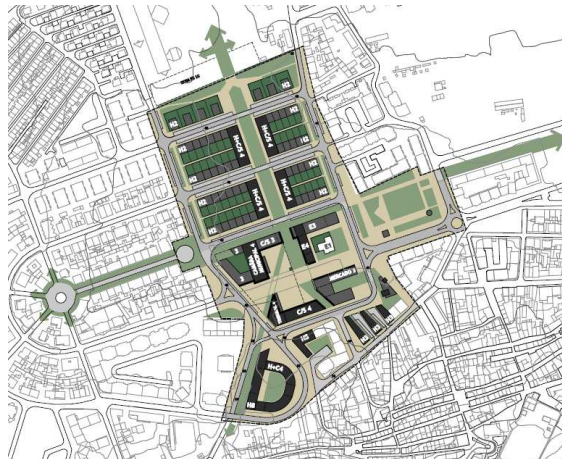


INSTITUTO
SUPERIOR
TÉCNICO

1. AVENUE GENERAL HUMBERTO DELGADO



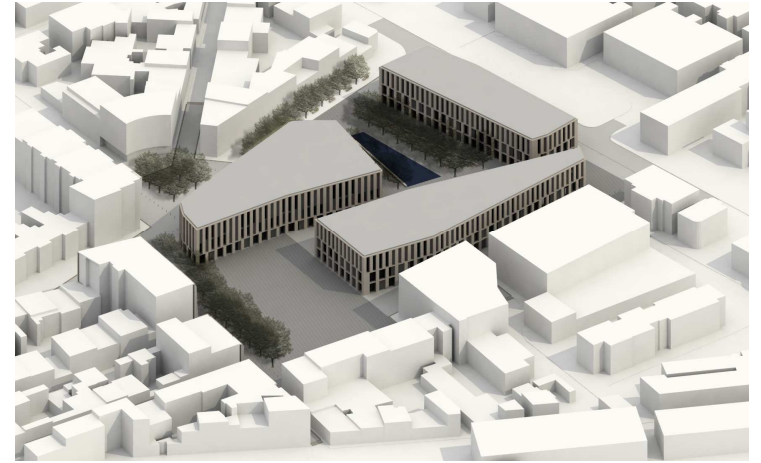
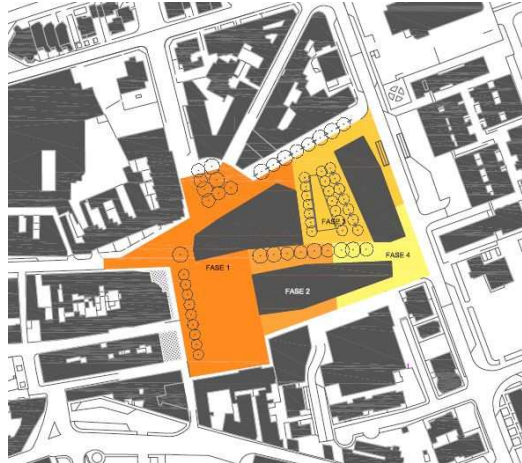
2. CIDADE ADMINISTRATIVA (Administrative City)



Fernando Nunes da Silva . Carlos Marques da Costa

Caminha | November 2009

3. PRAÇA DA REPÚBLICA (Republic Square)



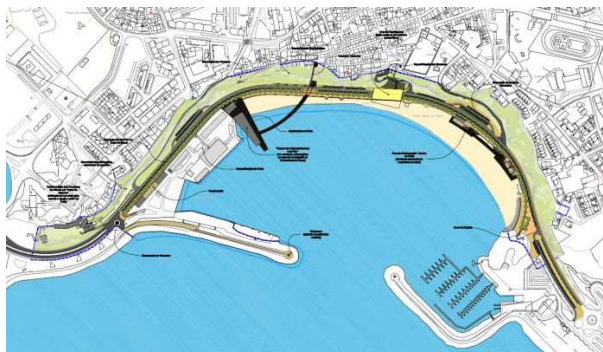
4. QUINTA DE SÃO SEBASTIÃO (São Sebastião property/farm)



5. JARDIM SUL (South Park)



6. FRETE MARÍTIMA (Riverfront)





fnsilva@ist.utl.pt

Colaboração: Renata Lajas_bolseira do CESUR