



Results for Thraki Water District

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RBD GR12 Thraki

Total area: 11 243 km²,
Evros River Basin (GR10): 4.080,9 km²





RBMP Thraki – Pressures and Impacts

Main pressures:

- Agriculture – 28% of the total area of the RBD

Locally:

- Industrial: 3 medium-sized food industries in Evros RB
- Waste water from small agglomerations (under 2.000 e.p), especially in the central part of the RBD)



RBMP Thraki - River classification

Ecological Status - 85% of River water bodies assessed

- ~0.5% of water bodies in high ecological status
- ~41% of WB in good ecological status
- ~ 29% of WB in moderate ecological status
- ~15% of WB in poor ecological status

Chemical status

- ~2% of WB in good status
- ~ 19% of WB fail to achieve good
- Only 20% of River water bodies assessed (lack of reliable data)



RBMP Thraki-Lake Classification

Ecological Status

91% of the total area of lakes (6 lakes) assessed

- ~82% of the total area of the WB in moderate ecological status (3 lakes)
- ~9 % of the total area in poor ecological status (1 lake)

Chemical status

82% of the total area assessed and fail to achieve good status (3 lakes)



RBMP Thraki - Transitional

Ecological Status

All transitional water bodies (5) are in moderate status

Chemical status

4 TWBs assessed and fail to achieve good status



RBMP Thraki -Costal

Ecological Status

3 CWBs (45% of the total area) in high status

5 CWBs (30% of the total area) in good status

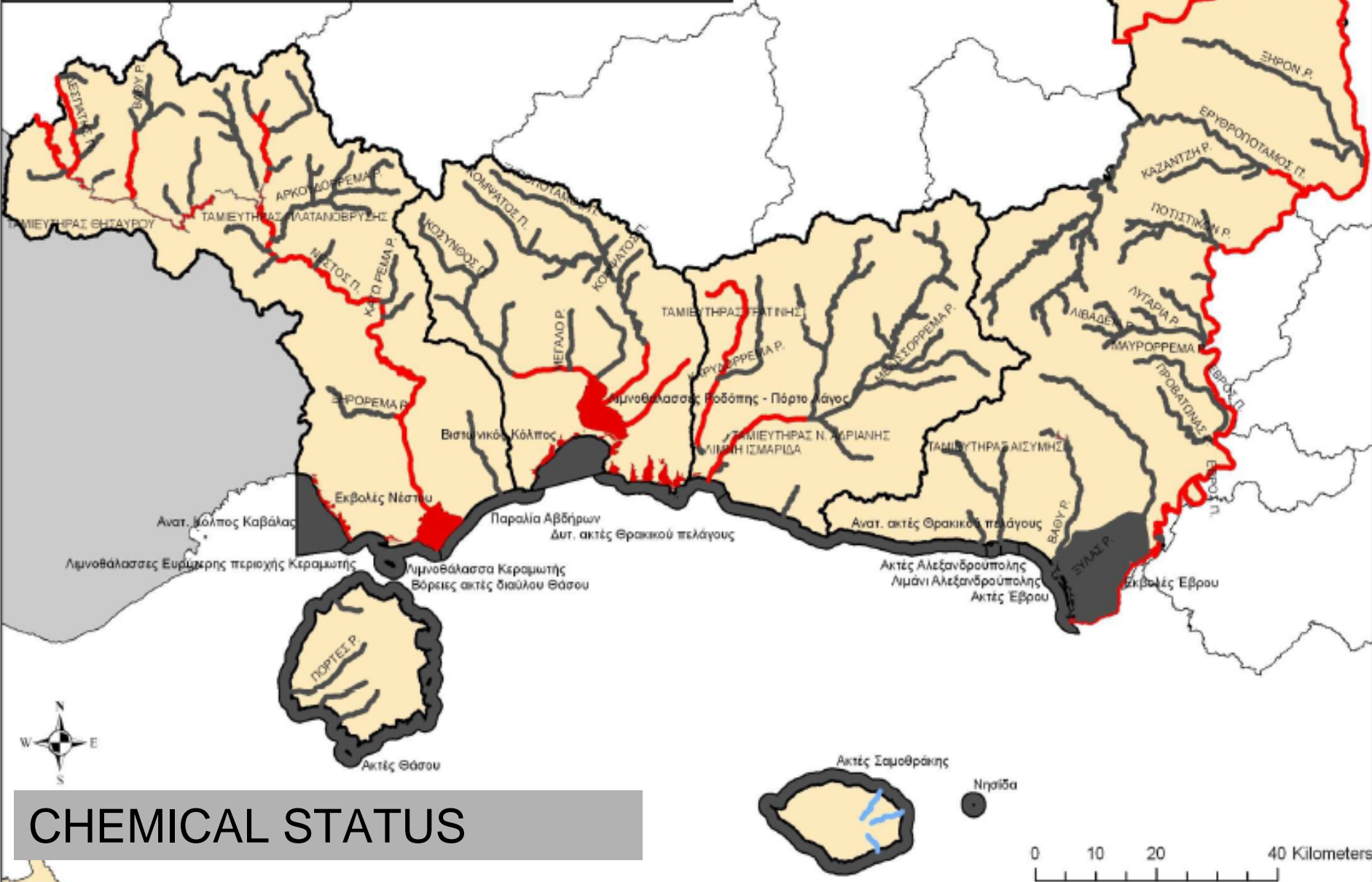
2 CWBs (16% of the total area) in moderate status

2 CWBs (9% of the total area) not assessed

Chemical status

No data available

Ποτάμια ΥΣ	Λιμναία ΥΣ	Άγνωστη	Μεταβατικά ΥΣ
Καλή	Κατώτερη της καλής	Άγνωστη	Κατώτερη της καλής
Κατώτερη της καλής	Άγνωστη	Άγνωστη	Άγνωστη
Άγνωστη			

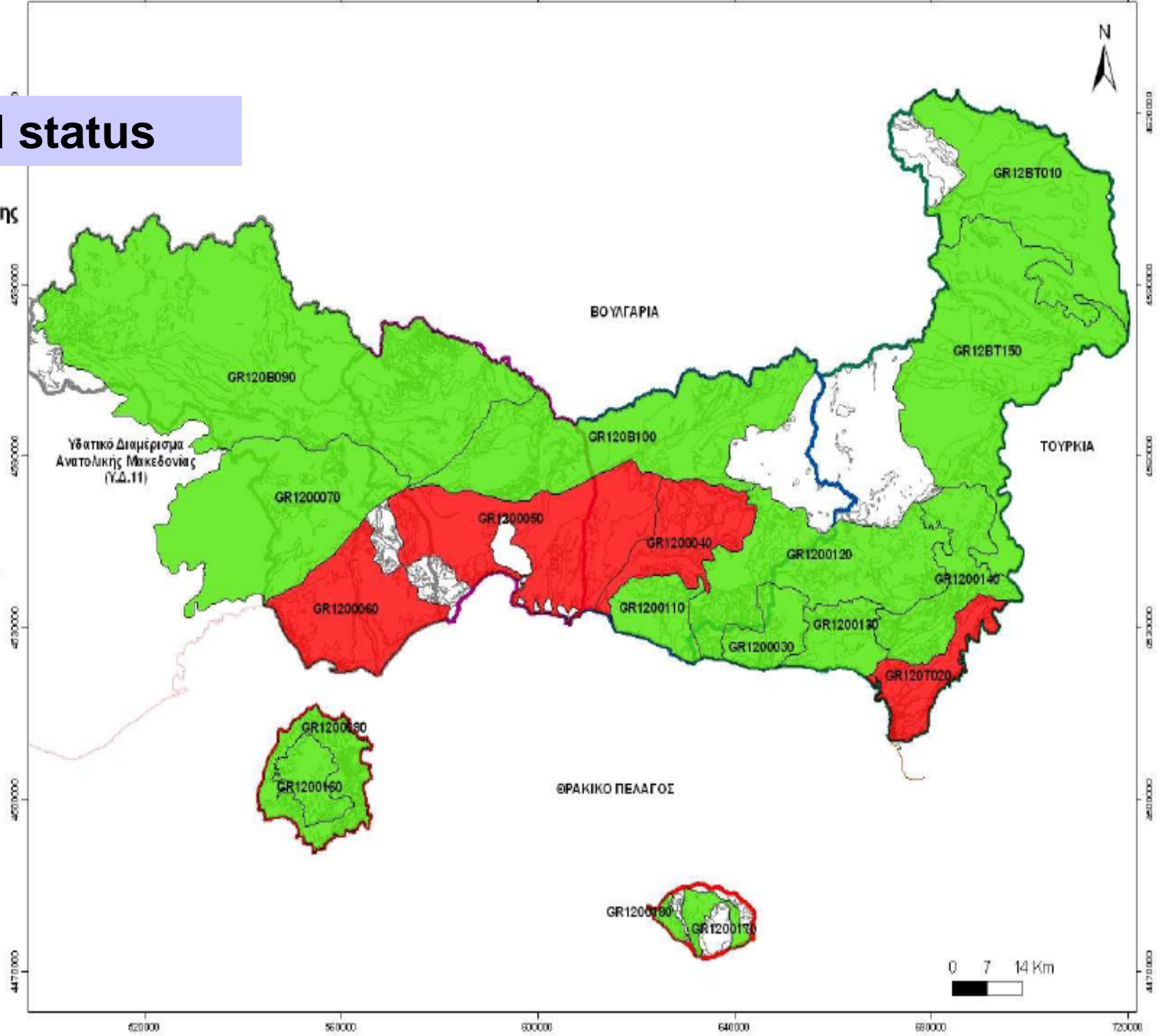


CHEMICAL STATUS

Chemical status

Ποιοτική (χημική)
Κατάσταση ΥΥΣ
Πολιτικού Διαμερίσματος Θράκης
(Υ.Δ.12)

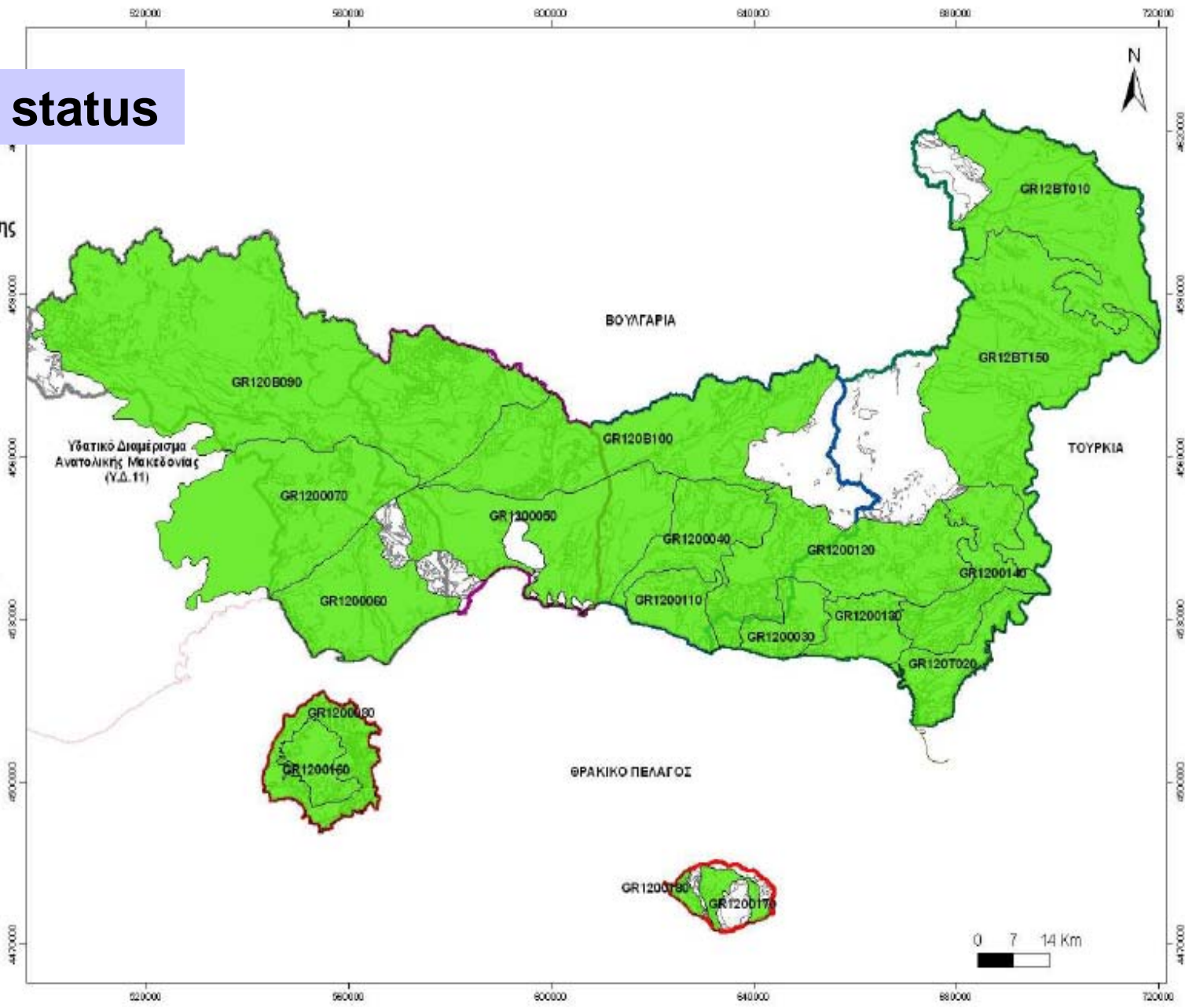
- Υπόμνημα
- ΥΥΣ Καλής Χημικής Κατάστασης
 - ΥΥΣ Κακής Χημικής Κατάστασης
 - Υδρολογική Διαίρεση Νέστων
 - Υδρολογική Διαίρεση Ρεϊνίτης - Σηροβόματος
 - Υδρολογική Διαίρεση Ρίκουματης - Λουγιά - Έβρου
 - Υδρολογική Διαίρεση Έβρου
 - Υδρολογική Διαίρεση Ορέων - Σοματιόλης
 - Πολυλογικό Υπόβασμα



Quantitative status

Χάρτης Ποσοτικής Κατάστασης ΥΓΣ Υδατικού Διαμερίσματος Θράκης (Υ.Δ.12)

- Υπόμνημα
- ΥΓΣ Ικλής Ποσοτικής Κατάστασης
 - Υδρολογική Ανοχή Νέσους
 - Υδρολογική Ανοχή Ρ.Σάγγαρος - Σπυριδάκι
 - Υδρολογική Ανοχή Ρ.Καρστικής - Λουτρό Έβρου
 - Υδρολογική Ανοχή Έβρου
 - Υδρολογική Ανοχή Πάσσα - Διαμυριάδα
 - Πολύσχημο Υπερβατό





Cost components & cost recovery

- Environmental cost
 - For drinking water services $\leq 15\%$ of the total cost
 - For agriculture $\sim 55\%$ of the total cost
- Resource cost – no competing uses

Recovery of financial and environmental cost:

- cost recovery high ($\sim 95\%$ to 100%) for water supply
- cost recovery medium ($\sim 60\%$) for agriculture

Notes:

- Agricultural water privately pumped or distributed by cooperatives
- Financial cost recovery is 100% for private wells



Supplementary measures

- Measures for protection of thermal mineral waters (establishment appropriate legislation framework).
- Monitoring program for specific pollutants (e.g. Mercury in inland waters)
- Establishment of Sediment Management Plan in rivers and lakes of the RBD
- Establishment of a special action plan for the protection of lakes
- Regulation of the ground water abstractions in areas with salt-water intrusion
- Construction of works for the enrichment of groundwaters
- Actions for the protection/rehabilitation of fish habitats and ecosystems in the rivers

Total 24 actions