



Food and Agriculture Organization
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Greening the Desert

Using Treated Wastewater in North Africa

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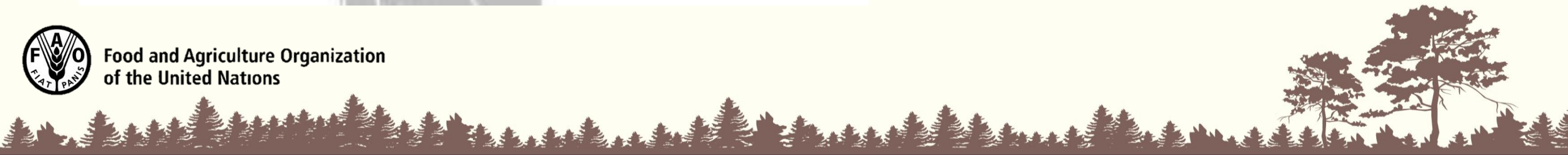
The Context



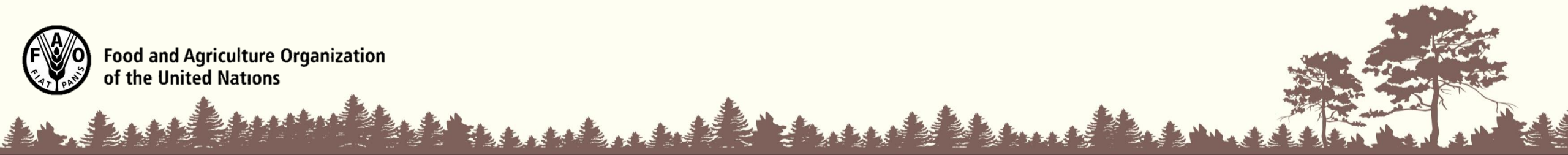
- Algeria
- Egypt
- Morocco
- Tunisia



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The Context



Approaches



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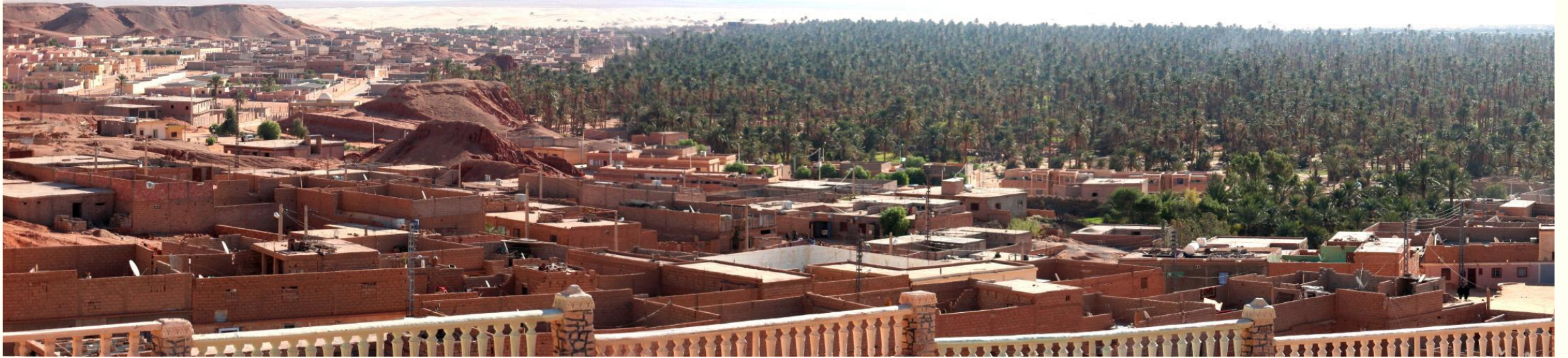


Outcomes

- Cost effective
- Reduced pollution
- Alternative water source – reduces burden on freshwater
- Increased soil organic matter, nutrients and water storage
- Reduced soil erosion / desertification
- Higher yields = higher income



Lessons Learned



Challenges

- Short term vs. long term benefits
- Competition for treated wastewater
- Infrastructure requirements
- Sustainability and vulnerability still needs to be assessed



Thank you

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Forest and Water Programme

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#ForestH2O



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