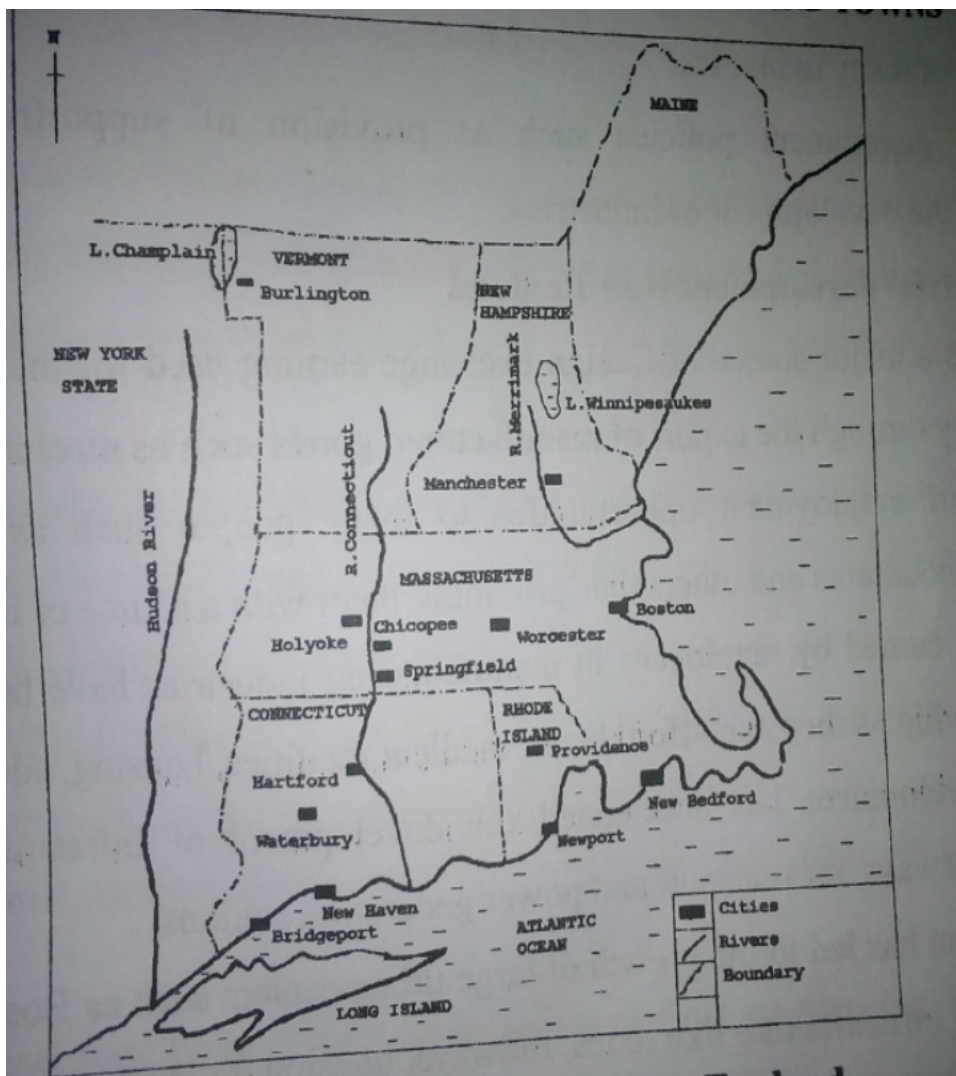


## INDUSTRIAL/MANUFACTURING SECTOR IN NEW ENGLAND.

NEW England is highly developed with major industries like food processing industries, textile industries, engineering industries, chemical industries, oil refinery industries auto mobile industries etc .

Major industrial areas include Boston, New Bedford, Hartford, Holyoke.

A SKETCH MAP OF NEW ENGLAND SHOWING MAJOR INDUSTRIAL CENTRES.



## **FACTORS OR CONDITIONS WHICH HAVE FAVOURED THE DEVELOPMENT AND GROWTH OF MANUFACTURING INDUSTRIES IN NEW ENGLAND.**

### **Physical factors.**

\* presence of large water bodies around New England e.g Atlantic ocean,R.connecticut which provides water used to cool the industrial machines.

\* Presence of favourable climatic conditions in New England e.g ice free seasons that favours smooth running of industrial activities e.g oil drilling throughout the year

\* Presence of numerous rivers in New England eg r.connecticut which are used to generate HEP to run mining machines in industrial centres e.g Boston, New Bedford etc.

\* Variety of valuable and commerical mineral deposits e.g coal,iron ore, natural gas which has helped manufacturing industry to compete on world market.

\* Large extensive land in New England e.g in Boston which is used to set up industrial park centres and to expand industries.

\* Presence of raw material in industrial centres in New England eg iron ore, agricultural products which are used in industries to manufacture other products .

### **Human factors.**

\* Skilled labour in New England eg industrial managers, machine operators, marketing manager who have helped to do work in industries.

\* Sufficient capital in New England e.g from government and investors which has been used to pay workers,taxes and buying machines used in manufacturing industries.

\* Efficient and reliable transport networks in New England e.g railway lines,roads which are used to connect centres e.g Boston Holyoke to market areas.

\* Favourable and supportive government policy in New England e.g tax holiday, issuing of manufacturing license to companies which have helped to attract investors and market to industries.

\* Presence of wide and ready market in New England e.g domestic and international levels eg Europe, Asia which has helped to buy industrial products.

\* Advanced and modern technology in New England e.g use of machinery which have simplified work and production in industries.

\* Sufficient power supply in New England e.g HEP generated from rivers like r.connecticut which is used to run machines in industries.

\* Intensive industrial research in New England e.g on market control which has helped to improve on quality of industrial production.

\* Political stability in New England e.g police that keep law and order which has attracted investors and market to industries.

### **CONTRIBUTIONS/IMPORTANCE/BENEFITS OF INDUSTRIAL SECTOR TO THE DEVELOPMENT OF NEW ENGLAND.**

\* It has provided employment opportunities to the people of New England e.g industrial Managers, drivers which has earned them income.

\* Industrial sector has provided raw materials to industries e.g mineral processing industries e.g iron and steel industries which has been used to manufacture other products e.g metals.

\* It has generated revenue to the government of New England which has been used to development infrastructures like roads, schools and hospitals.

\* industrial sector has promoted infrastructural developments in New England e.g school roads which have improved standards of living in New England.

\* It promoted diversification of the economy in New England e.g setting up of industrial centres national wide which has reduced on over depending on few sectors in New England.

\*Industrial sector has promoted urbanisation in New England e.g through infrastructural developments like roads this has led to development in the country like in Boston, Holyoke

\* It has promoted foreign exchange and currency in New England e.g with Europe, Asia which has helped to settle international debts and infrastructural developments.

\* industrial sector has promoted international relations between New England with others like Europe Asia which has helped to promote peace and unity in the region.

\* It has provided market to others sectors in New England e.g agricultural industry which has helped others sectors earn income for development.

\* industrial sector has promoted the development of others sectors within the economy in New England e.g tourism which has encouraged development in New England.

\* It has promoted education and research e.g Universities and colleges in New England which has helped students to acquire knowledge and skills about industrial Field.

### **PROBLEMS AND CHALLENGES FACED BY THE INDUSTRIAL SECTOR IN NEW England.**

\* Exhaustion of some valuable mineral deposits e.g iron ore which leads to their extinction

\* Unfavorable climatic conditions e.g winter which interrupts industrial activities hence limiting production.

\* Competition from other countries dealing in industrial products e.g Europe Asia which leads industrial sector to losses and limits production.

\* High costs of transport in New England e.g railway lines which is expensive to construct and maintain hence high spending industrial companies.

\* Limited skilled labour in industrial sector this has made work and production difficult in New England industrial sector.

\* Unsupportive government policy e.g high taxation in New England which has discouraged investors and market to industrial sector.

\* Occurrence of accidents while carrying out industrial activities in New England which has caused injuries and death hence discouraging production.

\* Political instability especially from strikes among industrial workers discourage investors and market.

\* Labour migration to other sectors e.g fishing which has slowed and discouraged the industrial activities.

\* Low levels of technology e.g duplicated machinery which make work and production difficult in industrial sector.

\* Competition within the economy with other sectors e.g fishing which leads to underfunding of industrial sector by the government and labor migration hence limiting production.

## **WAYS OF IMPROVING OR SOLUTIONS TO THE PROBLEMS FACED BY INDUSTRIAL SECTOR IN NEW England.**

\*Mechanisation such as use of machines should be used to solve the problem of shortage of skilled labour.

\*Use of protective equipments like helmets,coloured clothes to minimize the occurrence of accidents on waters.

\*Use of other sources of energy e.g solar HEP to solve the problem of over production and mineral exhaustion.

\*Construction of modern transport networks to easy the transportation of mineral products to market centres e.g pipe lines.

\*Modern advertisements to compete on the world market with other countries.

\*Use of advanced technology to solve the problem of low levels of technology.

\*Intensive research on mineral issues to improve on the quality of production and getting of market.

\* Improvement on workers conditions in mining to solve the problem of labor migration.

## **PROBLEM RESULTING OR CAUSED BY THE INDUSTRIAL SECTOR TO THE HUMAN AND PHYSICAL ENVIRONMENT IN NEW ENGLAND.**

### **Problems on the Human environment.**

- ✓ Accidents occurrence during industrial activities leading to injuries and loss of lives.
- ✓ Labour migration in other sectors leading to labor shortage in other sectors eg fishing.
- ✓ rural urban migration which leads to over population in the mining towns.
- ✓ Displacement of people leading to creation of unplanned settlements eg slums.
- ✓ Regional imbalance in the country which leaves industrial towns more developed than other town without industries.

✓ urban related problems like prostitution which increase high crime rates in industrial towns.

✓ profit repatriation by foreigners which leaves the country underdeveloped.

**Problems on the Physical environment.**

✓ Pollution by industries in form of air,water, sound and land pollution which cause diseases to the living organisms in the environment.

✓ Exhaustion of mineral deposits due to over production.

✓ Destruction of natural vegetation that leads to increased soil erosion, global warming.