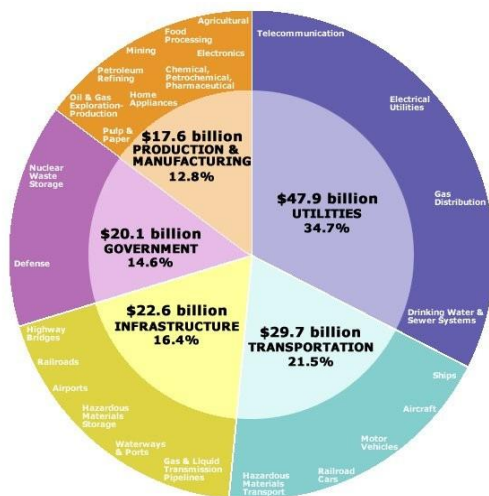


**WOOD GROUP INTEGRITY MANAGEMENT (WGIM) is an international, independent engineering and project management consulting company. It provides material, corrosion, coatings, metallurgy, welding, asset management and related risk/ integrity services across a broad manufacturing and industrial base.**

The cost of corrosion to USA alone:



Corrosion costs business billions of dollars every year. For industrial processors and asset managers, corrosion damage leads to a multitude of decisions concerning safety, replacement costs, lost production costs, maintenance scheduling and protection systems. WGIM provides clients with the information necessary to make these decisions efficiently and wisely.



WGIM act as project managers, to plan and direct all activities required to assess the 'Fitness For Purpose' of the asset. This will ensure:-

- That safety is not compromised.
- Continued efficient operation of the asset with minimal downtimes.

- That the value and life of the asset is maximised.

### Remnant Life Assessment

Assessments are performed on assets to confirm the remaining life. These are performed on:-

- Production & Manufacturing – oil & gas exploration/ production, mining, pulp & paper, chemical, refining, petrochemical, pharmaceutical, food/ wine production, agriculture, home appliances.



- Infrastructure – buildings, bridges, wharfs, gas/ oil/ water pipelines, sport stadiums, airports.
- Transport – aerospace, marine, road, rail.
- Communication – towers, electronic equipment.
- Utilities – electricity, water, gas, sewage.
- Government – defence assets, hazardous waste facilities.



### Required Expertise

To adequately assess the extent and effect of corrosion and to advise how it might be controlled, those undertaking the work need to be knowledgeable and experienced in terms of:

- Inspection techniques.
- Fitness for purpose methodology.
- The use of a wide range of materials, their likely damage modes, and when and where these damage modes are likely to occur.
- Estimating the rate of damage.
- Undertaking life cycle costs analysis.
- Methods that can be used to control the rate of damage.